# HOLSTEIN-FRIESIAN WORLD

## EASTERN EDITION

VOL. XII. LACONA, N. Y., AUGUST 28, 1915 NO. 35

# AT EARLVILLE

## SEPTEMBER 1ST AND 2D

We are consigning to the Sale to be held at Earlville, N. Y., Sept. 1st and 2d, some of the best cattle, both as to individuality and breeding, that were EVER offered to the public.

Among these offerings is LOTTIE WALKER SPOFFORD, THE ONLY COW that has made FIVE records above 29.4 lb., and FOUR all above 30 lb. of butter in 7 days

We are also offering FAYNE PIEBE DE KOL, a 27-lb. daughter of LILITH PIEBE DE KOL, the 2d highest milk producing cow of the breed, having given 29,599 lb. of milk in one year.

THIS IS THE FIRST TIME two such cows were ever offered for sale, either private or public.

THEY ARE BOTH IN CALF TO OUR KING OF THE BLACK & WHITES.

We are also offering a daughter of LOCKHART DE KOL, the cow that held the World's record in the senior 2-yr. division for several years.

AMONG THE MOST PROMISING OF OUR OFFERINGS is a pair of twin granddaughters of HENGERVELD DE KOL, sired by BEAUTY WALKER PIETERTJE PRINCE, a son of MARION WALKER PIETERTJE, the only 31-lb. cow whose dam and both grandams are ALL 30-lb. cows.

We will also offer one bull calf WHOSE 15 NEAREST DAMS ARE ALL TESTED AND AVERAGE OVER 29 lb., which, we believe, to be something new for the Sale Ring.

**A. A. HARTSHORN HOLSTEIN CO.**
**HAMILTON, N. Y.**



# A 31-LB. BULL READY FOR SERVICE

This is one of the best bred bulls and one of the nicest individuals we have ever offered for sale. Study his pedigree and see the great producing and transmitting blood back of him.

**King Quality Korndyke 151363**

**Born July 1, 1914**

**King Quality**
88237
5 A. R. O. daughters
Bonalevo Quality Walker May Rosa 2 yr .....22.78
Bonalevo Quality May 2 yr 22.08
Bonalevo Quality Walker Artis 2½ yr. .....20.35

**Johanna Korndyke**
96473
At 4 yr 8 mo.
Butter .....31.65
Milk .....491.9
30 days—
Butter .....120.82
Milk .....2121.2
Sister to the sires of:
Johanna De Kol Van Beers 40.07
Aaggie Pauline Sarcastic..36.35
5 others from 30 to 36.20 lb.

**King Colantha Clothilde**
60403
17 A. R. O. daughters
Colantha Hamilton ...3 y 30.51
Queen Walker Pietertje .....3 y 28.79
Sire of:
King of the Black and Whites

**Addie De Kol Hartog**
87199
Butter at 4 yr 1 mo.....30.50
Milk .....518.70
Dam of:
Addie De Kol Hartog 2d...30.68

**Sir Korndyke Manor De Kol —**
47 A. R. O. daughters
Johanna Korndyke .....31.65
Susie De Kol Paul 2d.....31.44
Kaan Korndyke De Kol....30.45

**Johanna De Kol 2d**
Butter 4½ yr .....24.04
Milk .....523.7
Dam of:
Sir Johanna De Kol

**Colantha Johanna Lad**
32481
90 A. R. O. daughters
4 30-lb. daughters
His dam .....35 lb.

**Abby Hartog Clothilde**
62154
Butter 7 days .....31.39
Milk .....605.90
4 daughters from 27 to 30.5 lb.

**Teddy De Kol Burke Spofford**
Sire of:
Lottie Walker Spofford....32.50
Addie De Kol Hartog.....30.50

**Abby Hartog Clothilde**
62154
Butter 7 days .....31 39
Butter 30 days .....129.31

**De Kol 2d's Butter Boy 3d**
117 A. R. O. daughters.

**Korndyke Queen De Kol**
41934
Butter .....24.42
Milk .....501.4

**Sir De Kol Mechthilde**
1 A. R. O. daughter.

**Johanna De Kol**
36478
Butter .....4½ y 20.28

For price and further particulars, write,

**BONALEVO FARMS**

**R. E. CHAPIN & SON** **BOX 302** **BATAVIA, N. Y.**

# A GOOD CALF AT A LOW PRICE

The records of his dam (at 2 yr. 3 mo.) and the two nearest dams of his sire average

| | |
|---|---|
| Butter 7 days - - - | 24.94 |
| Milk 7 days - - - | 631.40 |
| Milk 1 day - - - | 95.50 |

His sire, Kearsarge Pontiac Butter Boy, has the strongest milk backing of any bull in the East.

His dam, a very promising 2-yr.-old, averaged nearly 50 lb. milk per day during her test. She traces twice to Sir Korndyke Manor De Kol He was born July 3, 1915, and is a very promising youngster, more white than black in color. Our price on him is too low to publish.
Send for his pedigree and full particulars.

## HASTINGS & PRESCOTT

**LACONA, N. Y.**

# King Segis Pontiac Alcartra

Of his first six daughters to freshen (the entire list to date), 5 have made from 20 to 25 lb. as 2-yr.-olds with first calf (one making over 102 lb. in 30 days), and the sixth one made over 16 lb. at 24 months after dropping a 7-months' calf. The whole six average over 21 lb.

"King" is every day vindicating our judgment. He also has over 125 living daughters (75 in our herd), and will serve more 30-lb. cows than any other sire that ever lived. His sons and daughters are looking better every day. They have individuality along with the rest. His sons can never be bought any cheaper than right now.

Write for information concerning one that will put your herd in the front rank.

## JOHN ARFMANN

**FAIRMONT FARM** **MIDDLETOWN, N. Y.**

# KING SEGIS PONTIAC CHICAGO

The bull whose purchase in the June, 1914 Sale for $20,000.00 was the sensation of the year.

His Sire: King Segis Pontiac, who has more sons at the head of good herds than any other sire.

His Dam: Johanna De Kol Van Beers, who produced not only 40 lb. of butter in seven days, but under Official Test produced nearly 10,500 lb. milk and over 540 lb. of butter in 120 consecutive days Official Test, thus producing an average in seventeen consecutive weeks of nearly 32 lb. of butter per week.

His Sire's Dam: Pontiac Clothilde De Kol 2d is not only distinguished for having made three records over 30 lb., but in Official Test produced over 37 lb. of butter in seven days, followed by a year's record of over 25,000 lb. of milk, testing over 4%, making more than 1,000 lb. of butter fat, when she again freshened and produced over 32 lb. butter in seven days.

His Sire's Sire: King Segis, lived only six years, but was the sire of eighty-three A. R. O. daughters, seven over 30 lb. and fifty-eight proven sons.

His Dam's Sire: Sir Johanna De Kol, was a brother to Colantha 4th's Johanna, and his dam's dam Netta Netherland Van Beers, was the first cow Officially Tested in the State of Wisconsin which was many years ago, and at the age of twelve years produced over 18 lb., easily the equivalent of 30 lb. to-day.

King Segis Pontiac Chicago, born February 5th, 1914, has extraordinary development and possesses great individual merit.

**The Bull of Outstanding Lineage Outstanding Individuality**
**Outstanding Promise**

OWNED BY

**H. Stillson Hart, Geo. E. Van Hagen, Spencer Otis, Jr.**
**BARRINGTON, ILL.**

# Two Leading California Holstein-Friesian Herds
## COMPLETE DISPERSION SALE

**95 HEAD** AT KINGS COUNTY FAIR GROUNDS HANFORD, CALIFORNIA, SEPT. 15, 1915 **95 HEAD**

**The entire Registered Holstein Herd owned by T. J. Gilkerson, Lemoore, Cal., will be sold**

In order to devote my attention to other work for a time, I have decided to sell by entire herd of registered Holsteins. I have devoted ten years to the building of a high class herd which now numbers about 55 head of cows, heifers and bulls.

Among the females that I will sell are:

The dam of the heifer that sold for $1000 in last year's sale at Hanford.

An 11-months-old heifer whose sire is by a brother to Tilly Alcartra, the world's champion milk cow.

A well bred heifer that has never been defeated in the show ring.

My offering will contain about thirty bred cows and heifers. The heifers are sired by SIR SEGIS HENGERVELD DE KOL, whose sire is one of the best sons of KING SEGIS. His sire has 20 A. R. O. daughters with records up to 24.38 pounds for the oldest one, a 3-year-old.

All of my cows and heifers of breeding age are bred to my royally bred herd sire JULIANA DE KOL KING SEGIS, giving the offspring of the heifers two crosses to the great KING SEGIS, 86 A. R. O. daughters, 7 above 30 pounds.

JULIANA DE KOL KING SEGIS WILL BE SOLD.

JULIANA DE KOL KING SEGIS is an individual of rare merit, and was first prize senior yearling bull at 1914 California State Fair. He is sired by KING SEGIS PONTIAC EMPEROR, whose sire is KING SEGIS PONTIAC, sire of the $50,000 bull and the $20,000 bull calf, and his dam is full sister to KING of the PONTIACS, 186 A. R. O. daughters.

His dam is JULIANA DE KOL, former world's record 2 year old, and one of the greatest show cows of the breed.

All stock offered is guaranteed to be exactly as represented, and everything over 6 months old has been tuberculin tested. T. J. GILKERSON

**The entire Registered Holstein Herd, registered in the name of Heenan & Weldon, Sacramento, Cal., will be sold**

Owing to the death of J. F. Heenan, I will sell the entire herd of Holsteins registered under the name of Heenan & Weldon. This herd consists of 41 head of cows, heifers, and bulls, of the best breeding and type. Among the females are several A. R. O. cows and eight daughters of A. R. O. cows. These include:

A cow that carries over 40 per cent the same blood as VALDESSA SCOTT 2d, 41.8 pounds butter in seven days.

An A. R. O. cow out of a 20.25 pound dam.

A daughter of A. & G. MOOIE KING, out of an A. R. O. dam.

A cow whose sire contains 50 per cent the same blood as the world's champion FINDERNE PRIDE JOHANNA RUE, and out of an A. R. O. dam.

A cow sired by a good son of AMERICA PAUL DE KOL, 20 A. R. O. daughters, out of a 25.42 pound dam.

An A. R. O. cow that has one producing daughter.

A daughter of a 21.31 pound cow.

A cow out of a 22 pound dam and whose three nearest dams average over 23 pounds butter in seven days.

A granddaughter of KORNDYKE PONTIAC BUTTER KING out of an 18.31 pound dam.

Twenty-seven head of the cows and heifers are bred to PRINCE GELSCHE WALKER KORNDYKE, the greatest bred butter bull in service. Eight of his first fourteen dams are 30 pound cows, and his first fourteen dams average 28.34 pounds butter in seven days.

This is an opportunity never before offered, to secure the blood of the highest bred butter bull.

All animals sold will be guaranteed to be exactly as represented.

All animals over 6 months of age will be tuberculin tested. DR. E. J. WELDON.

**For further particulars address:**

**Dr. E. J. Weldon, Box 962, Sacramento, Cal., or T. J. Gilkerson, Lemoore, Cal.**

CATALOGS READY ABOUT SEPTEMBER 1

# COMBINATION SALE

**A. W. MORRIS & SONS CORP., Woodland, Cal.**
**McALISTER & SON, Chino, Cal.**

## 175 REGISTERED HOLSTEINS 175

**(Tuberculin Tested)**

## SACRAMENTO, CAL. OCT. 6-7, 1915

Not alone in every respect the greatest sale ever held on the Pacific Coast, but in respect to individuality and yearly records the greatest ever held in the United States. The offerings include absolutely unblemished animals and contain a large number of the very choicest things in these fine herds. Among the many good things are:

King Segis Pontiac Emperor, senior herd sire of A. W. Morris and Sons, a son of King Segis Pontiac out of a full sister to King of the Pontiacs, and ten of his best daughters all out of A. R. O. daums with records as high as 33 lb. in 7 days and 1000 lb. in a year. Both King Segis Pontiac Emperor and his daughters have won first prizes in the show ring.

Lorena Korndyke—four times winner at the California State Fair and ten of his daughters, several of which have been prize winners at the state fair.

About fifty A. R. O. cows with records as high as 31 lb. butter in 7 days, including a 28-lb. 3-yr-old, a 28-lb. daughter and a 21-lb. 3-yr-old daughter of Johanna McKinley Segis, a 25-lb. daughter of Aaggie Cornucopia Johanna Lad, a 23.90-lb. 3-yr-old daughter of King Segis Pontiac and many other great record cows, many of which have large yearly records.

About 100 heifers—nearly all from A. R. O. dams, including twenty splendid daughters of King Pontiac Topsy—one of the best sons of King of the Pontiacs and a number of daughters of the great transmitting sire De Kol Hengerveld Burke, as well as ten daughters of the great sire, King Segis Pontiac Emperor and Lorena Korndyke, mentioned above.

HERD HEADERS—A number of bulls, including King Segis Pontiac Emperor and Lorena Korndyke, fit to head the herds that the females in this sale will make, will be offered by A. W. Morris and Sons. They are the greatest lot ever offered at public sale and include:

A son of De Kol of Valley Mead 2d, 906 lb. butter in a year as a 3-yr.-old and 1011 lb. as a 4-yr-old. Breed record for two consecutive years at the age.

A son of Woodland Wilhelmina 2d, now making a yearly record of over 900 lb. butter as a 4-yr-old.

A son of a 31-lb. 4-yr.-old daughter of De Kol Burke. All sired by a son of Aralia De Kol, the first cow to make 28,000 lb. milk in 1 yr.

A son of Miss Blaney, with a yearly record of over 1000 lb. butter and a son of a half-sister to Aralia De Kol with a record of over 843 lb. butter in a year—both sired by the coming young son of Riverside Sadie De Kol Burke.

And about eighteen more splendid youngsters out of high record dams.

### A FORTUNE

A fortune will be represented in the calves the females in this sale will have for you, bred as they are to a son of Tilly Alcartra—a son of Riverside Sadie De Kol Burke—a son of Aralia De Kol—one of the very best sons of King of the Pontiacs and a half-brother of De Kol of Valley Mead 2d.

CONSIDER THAT A LARGE NUMBER OF FEMALES WILL BE IN CALF TO SONS OF COWS THAT HOLD EVERY WORLD'S MILK RECORD FROM 7 DAYS TO 3 YEARS.

### TERMS

The terms should interest you—$500 and under, cash; over $500, one-third cash, balance in three, six and nine months, with bankable notes and 8 per cent. interest. 3 per cent. discount will be given for cash on time sums. Buyers from a distance must bring satisfactory bank references.

For catalog write

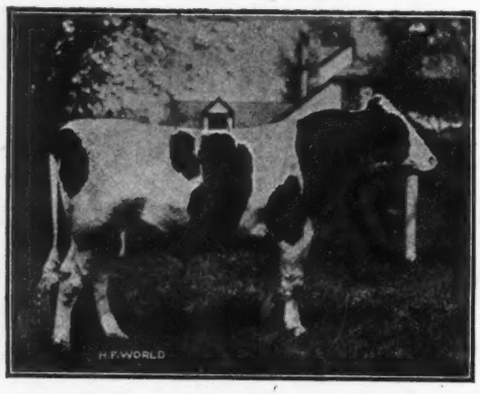
**F. L. MORRIS, WOODLAND, CAL.**

**OR**

**JAMES W. McALISTER, JR., CHINO, CAL.**

**SALE MANAGERS**

**COL. B. A. RHOADES, Anctioneer**




King Korndyke Colantha Ormsby

# Woodlake & Clover Farms

## Will You Consider

HEADING YOUR HERD with a straight, long, well-bodied, handsomely marked, young bull of splendid type and finish?

A son of **King Korndyke Colantha Ormsby No. 96546** who combines in closest relation the world's record cows, Pietertje Maid Ormsby, Colantha 4th's Johanna, Grace Fayne 2d's Homestead, Pontiac Pet and Pontiac Clothilde De Kol 2d, the blood of the highest priced bulls on record.

Or a son of **Sir Korndyke Hengerveld De Kol No. 41266** that would give you type and production of the Hengerveld De Kol, Pontiac Korndyke and Sir Ormsby Hengerveld De Kol combination.

Or a son of **Maplecrest Butter Boy De Kol No. 94156,** who is a seventy-five per cent brother of Banostine Belle De Kol, the greatest dairy producer to date.

Sons of these bulls, fine, strong individuals, from two to sixteen months old, out of Advanced Registry cows of richest breeding, some with records of thirty to thirty-five pounds of butter in 7 days, and of most popular breeding, will give any herd a standing for production, constitution and high individual merit. COME and SEE THEM. Our prices are reasonable.

Two and one-half miles from the Minneapolis City Limits, on Lyndale Ave., South. Irwin Station on the Dan Patch line.

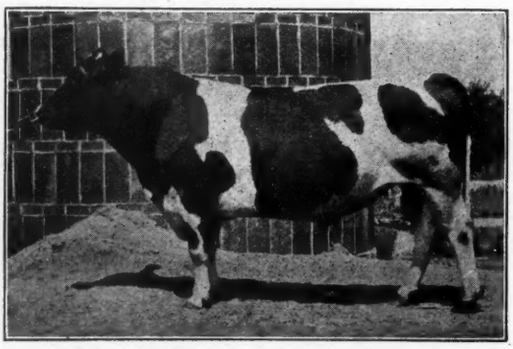
**JOHN B. IRWIN - Station F, Minneapolis, Minn.**

# This Year Eight Cows Produced 94 to 114.10 Pounds of Milk in Twenty-four Hours

**LUCILLE JOLIE PONTIAC**
**Fat 19.148, Milk 463.10**
**Sr. 4-year-class—8 mo. division (World's Record)**

**ONA CLOTHILDE DE KOL**
**(12 years) Butter 26.44**
**Milk 668.50**

**Young Bulls from above Cows For Sale**



**ONA FEDORA DE KOL**
**Butter 30.52, Milk 650.60**

**ONA BUTTON DE KOL**
**Butter 30.29, Milk 608.40**

**ONA CLOTHILDE WAYNE**
**Butter 32.60, Milk 767.10**

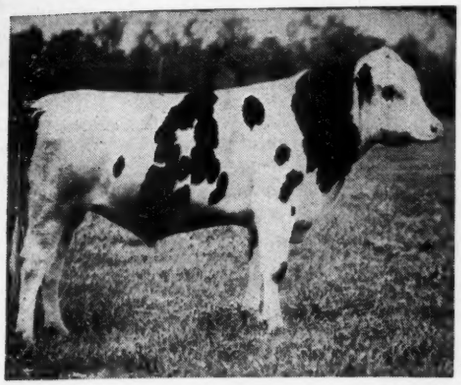
**MAPLECREST PONTIAC HARTOG 62178—Senior Sire**

The only bull in the World having thirteen 30-lb. sisters, two of which exceed 35 lbs and three having yearly records in excess of 1200 lbs. and five above 1000 lbs. His dam is Ohio's first 30-lb. cow. She has a daughter having a yearly record of over 1200 lbs. and who in turn has a 1200 lb. daughter.

**SIR PIETERTJE ORMSBY MERCEDES 40th 132722—Junior Sire**

## MEADOWHOLM HOLSTEIN CO.

**PETER SMALL, Pres. and Gen. Mgr.** **CHESTERLAND, OHIO**



King Korndyke Wayne Veeman 109336

## JOINT OWNERS

**E. E. Risley**
Hill Pine Farms
WALTON, N. Y.

**Mrs. W. L. Terry**
Locust Grove Farm
WALTON, N. Y.

King Pontiac Pleione 72852

# WE LIKE THIS COMBINATION

Our senior sire, **King Pontiac Pleione,** has 125 living daughters, and more coming. His list of 14 official record daughters includes 3 2-yr-olds with records of 22 to 23.67 lb., another 2-yr-old above 20 lb., and a 27-lb. 3-yr-old. He is a son of King of the Pontiacs (159 A. R. O. daughters—10 above 30-lb.), and Pontiac Pleione, the greatest producing daughter of Hengerveld De Kol, as well as one of his best daughters individually.

On the daughters of King Pontiac Pleione we are using **King Korndyke Wayne Veeman 109336,** who was by King Korndyke Sadie Vale and from a 30.9-lb. 4-yr-old daughter of Sir Veeman Hengerveld (7 30-lb. daughters, and more above 29 lb. than any other living sire). King Korndyke Sadie Vale is the only bull having a 41-lb. dam and a 40-lb. sister. His three nearest dams and a daughter each of his sire and dam average about 37.5 lb.—an unapproached showing. His first four daughters, all being jr. 2-yr-olds, average 24.27 lb. butter in 7 days, another unapproached showing.

Is it wrong to figure that this combination **will get results?** The youngsters certainly look the part.

None of the daughters of the above bulls will be disposed of by their owners until they have been officially tested.

**SERVICE FEES FOR APPROVED COWS TO INSURE LIVE CALF $50.00**

# WHAT ABOUT IT

Are you still hesitating about placing a high class bull at the head of your herd? Every day that you wait you are losing money. Losing money in the grade of calves that you are getting. Losing money in not being able to advertise your herd to the best advantage.

# LINE UP WITH THE PROCESSION

Look around you. Note the successful Breeders that have sons or grandsons of KING OF THE PONTIACS as their herd sires. Just now you can buy one of his sons or grandsons for less money than for sometime past or ever again. Get busy! Send for our new "BOOK OF BULLS" with over 70 pedigrees in it. Pick out the bull you want and write us.

## STEVENS BROTHERS COMPANY
## LIVERPOOL, N. Y.

ADMIRAL WALKER PRILLY, No. 72923

The only bull of the breed whose first five A. R. O. daughters average 19.72 butter in 7 days, at an average age of 2 yrs. 25 days, three of them having made over 20.00 pounds for 7 days, and over 80 pounds for 30 days.

## THE STEPHENSON FARM

offers at this time, 3 choicely bred young bulls nearly ready for service. One sired by a 31.82 pound son of King of the Pontiacs, and dam of calf a yearly record cow, sired by a 32.92 pound bull. One by Sir Johanna Lass, a young sire strongly backed by good yearly records on all sides, his own dam an 808.00 pound cow Dam of calf an 18.00 pound 4-yr.-old, sister to a 738.00 pound 3-yr.-old. One by Admiral Walker Prilly, and from a 19.18 pound jr.-three-year-old, now on yearly test. All three splendid individuals, and well grown.

**JAMES P. TORREY, Supt.**

**Kenosha, Wis.**

# HEART'S DELIGHT FARM

**WE ARE OFFERING A FEW YOUNG HOLSTEIN BULLS**

**Write for descriptions and prices**

**W. H. MINER CHAZY NEW YORK**

## Service Bulls FOR Good Herds

**The selection of the right bull is one of the most perplexing problemsc onfronting the live stock breeder.**

**We submit the following for your approval, ready for immediate service, and sired by**

## KING LUNDE PONTIAC KORNDYKE

the highest yearly record son of King of the Pontiacs. We have three yearlings, all from good record dams, one being from a 27.5-lb. daughter of the 30-lb. sire, Prince Ybma Spofford; the dam of another has 100 per cent the same breeding as Prince Ybma Spofford 6th, the only sire of 10 or more A. R. O. daughters, having over 1-3 of his list in the 30-lb. class. These three, like their sire, are beautiful individuals, light in color, and well grown.

ALSO 15 young bulls from 3 mo. to 10 mo. old, from A. R. O. dams, ranging from good heifer records to 29-lb. at full age. Nice individuals—a part by King Lunde Pontiac Korndyke, and the rest from daughters of King Lunde, and by King Pontiac Josey, a son of Crown Pontiac Josey (the first cow to produce over 1200 lb. butter and 28,000 lb. milk in a year.)

SPECIAL OFFERING OF FEMALES—20 head, good A. R. O. cows and heifers bred to our two great herd sires, also yearlings and calves sired by these splendid bulls.

No other herd in the World is headed by two sires from dams with as great year's records as the two Greenwood sires. Come and look us over or send for complete information. You will find our prices reasonable, and the quality high.

**E. H. KNAPP & SON** **Greenwood Herd** **FABIUS, N. Y.**

# CALIFORNIA HOLSTEIN BREEDERS SECOND CONSIGNMENT SALE

## BIGGER AND BETTER THAN EVER

## 175--HIGH-CLASS REGISTERED HOLSTEINS--175

(TUBERCULIN TESTED)

**HANFORD, CAL.** **OCTOBER 14--15, 1915**

CONSIGNORS

R. F. GUERIN, Visalia
McALISTER & SON, Chino
HEWITT & HEWITT, Hardwick
ALEX. WHALEY, Tulare
W. J. HIGDON, Tulare
E. O. FAWCETT, El Monte
and C. C. LESTER, Gilroy, who is disposing of his entire herd of 65 head.

The above gentlemen are breeders of state-wide reputation and you are assured of receiving from them good cattle and good treatment. The class of cattle offered is on a par with that of any sale in the U. S. and include:

About 25 A. R. O. cows with records as high as 29.90 lb. made as 4-yr-olds including a 24.45 lb. 3-yr-old. About 30 daughters of A.R.O. cows with records as high as 30 lb. in 7 days including 2 daughters of the 29.90 lb.4-yr.-old—a daughter of the 24-lb. 3-yr.-old, all sired by Dutchland Sir Pontiac Aaggie, a son of Colantha Johanna Lad out of Aaggie Cornucopia Pauline 3d. About a dozen of their sisters also will be sold as well as a daughter of Homestead Girl De Kol Sarcastic Lad, a half sister to the former World's Record heifer, Juliana De Kol, and granddaughters of King of the Pontiacs, Colantha Johanna Lad, Pontiac Hengerveld Parthenea, King Segis Pontiac Emperor, Johanna Rue 3d and other noted animals. Their calves will be worth all the dams bring! Bred as they are to a son of Tilly Alcartra, a son of Juliana De Kol, a brother to the World's Champion senior 4-yr.-old and a brother to the World's Champion senior 3-yr.-old for yearly production, a son of a 36-lb. cow and to King Segis Pontiac Emperor 3d, son of King Segis Pontiac Emperor out of a cow with a record of 870 lb. butter in 1 year.

A great lot of young males!

About twenty well bred young bulls will be sold including King Segis Pontiac Emperor 3d mentioned above—a grandson of King of the Pontiacs out of a 28-lb. daughter of Johanna McKinley Segis, a son of a cow with a record of 772 lbs. butter in 1 year. You will like them.

For catalog and other information write

## JAMES W. McALISTER Jr., Sale Manager

**CHINO, CAL.**

**COL. B. A. RHOADES, L. A., Auctioneer**



# Announcing

# Finderne Johanna Rue Pontiac No. 115432

## Son of

## The World's Champion Dairy Cow

## Finderne Pride Johanna Rue

The most wonderful producer the dairy world has ever known. His sire is Gordon Glen Pontiac, sire of the World's Champion 2-yr-old in 7-day test, and the only sire of the breed having three junior 2-yr-olds above 25 lb.

If you want some of the blood of the World's Champion cow—the cow whose achievements are bound to stay at the top long after the other leaders are displaced—breed a few of your best cows to her splendid son. Terms very reasonable. Write for information.

Nothing for sale at present.

## WILLIS E. STRYKER

**Ridgedale Farm** **Belle Mead, N. J.**

# FOR SALE—MONEY MAKERS

We have For Sale a few fine young bulls that will fast grow into money for the purchasers. They are promising sons of our Junior herd sire, King Segis Pontiac Columbo, three-fourth brother to the $50,000.00 bull, but better bred as his second dam, Pontiac Columbo, is a former World Record daughter of the great Hengerveld De Kol.

King Segis Pontiac Columbo's daughters are all being retained in our herd to be developed and given records: they are a splendid lot and are sure to be heard from in a sensational manner when they freshen. Get one of his sons at our present "room wanted" prices and he'll grow into money faster than any investment you ever made.

## PINE GROVE FARM

**Oliver Cabana, Jr., Owner ELMA CENTER, N. Y.**

# The Second Madison-Chenango Holstein Sale

## New Sale Pavilion, Earlville, N. Y.

## September 1-2, 1915

### 170—HOLSTEINS OF QUALITY—170

### A GREAT OPPORTUNITY FOR THE DAIRYMEN OF CENTRAL NEW YORK

Right at your door is one of the greatest Holstein sales of the year. In this sale will be some of the best from more than twenty herds.

Among the animals to be sold are the following:

The 32½-lb. cow, Lottie Walker Spofford;

A 27½-lb. daughter of a cow with a year's record of 29,599.4 lb. milk—the second largest ever made.

Fifteen cows and heifers bred to King Korndyke Sadie Vale (whose dam, with a record of 41 lb. butter in a week, is dam of a 38-lb. daughter and daughter of the first 30-lb. cow, Sadie Vale Concordia). Among these fifteen, are three daughters of King Segis De Kol Korndyke and a daughter of the $15,000.00, 44-lb. bull Spring Farm Pontiac Cornucopia.

The sale will consist of fresh cows and springers, heifers bred, yearlings, calves and some of the finest young bulls the breed affords—one whose 15 nearest dams average over 29 lb.

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Every animal old enough tuberculin-tested by a state-approved veterinarian.

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Too late now to write for a catalog and receive it before the sale, but BE SURE TO COME.

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"MILE HIGH" HOLSTEINS

Bull calves, born and bred in the Rocky Mountains at an elevation of 5300 ft. sired by a son of Sir Korndyke Hengerveld De Kol out of a full sister to Pietertje Maid Ormsby. If you want lungs and constitution, besides breeding, try a "Mile High" once.

SHOSHONE STOCK FARM, Cody, Wyo.

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For More Milk and Butter use

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FOR SALE—A carload of Vermont Registered Holstein cows and heifers; cows are safe in calf to the Great Young sire, Sir Beets Korndyke No. 91212, a son of Pontiac Korndyke, and due to freshen in May and June, some have good A. R. O. records; will put in a few bred daughters of above bull, due in the fall. Two fine Yearling Bulls from A. R. O. dams, could go with this lot, all are born and bred at

ISLAND HOME STOCK FARM

W. B. Dodds & Son North Hero, Vt.

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RODGERDALE HOLSTEINS

FOR SALE—Bull calf born March 3, 1915. Sired by Sir Johanna Lady Korndyke 84720. Dam, Johanna Korndyke Pride No. 219482: milk 382.7 lb. Butter 14.73 lb. A. R. O. at 2 yr 5 days old. Calf evenly marked, straight and right every way. For price address:

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W. J. GILLETT & SON

Rosendale, Wis.

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THE POLLED HOLSTEIN JR. 3-YR-OLD

Keystone Beauty Plum Johanna, is the youngest cow in the world of any breed to have made 22496.6 lb. milk; 1108 lb. of 80 per cent butter, in 365 days. Bulls fit for service for rent and sale. Send for catalogue.

GEO. E. STEVENSON & SON,

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HOLSTEIN BULLS

Of serviceable age and younger out of A. R. O. dams with records up to 25 lbs. in 7 days, sired by Emblagaard Tritomia Elzevere. A few choice cows at reasonable prices.

RELIANCE STOCK FARM

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PARMALEE STOCK FARMS

Putney, Vt.

Offer bull calf, born in March, out of 26.25-lb. dam and whose 3 nearest dams on sire's side average nearly 29 lb. He combines the blood of Pontiac Korndyke, King of the Pontiacs and Pontiac Calypso. If you are looking for one of the good kind write for pedigree and price.

---

HINCHEY HOMESTEAD

Offers for sale Holstein bull born Apr. 18, 1914, sired by Hengerveld Butter Boy De Kol and out of a 25.95-lb. granddaughter of Sir Clyde. This bull is about ½ and ½ in color and is well grown. Write for pedigree and price.

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# High Class Bulls

to be sold and a number of open

# Heifers of High Quality

but you will find that considerably

# More Than Half the Offerings

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**King Joh**
**King Lyons**
**King of the Pontiacs**
**King Segis Pontiac Alcartra**
**Sir Prilly Walker**
**Count Pontiac Spofford**
**Denver Pontiac Boy**
**King Pontiac Fayne Alcartra**
**Beauty Walker Pietertje Prince**
**Lakeland King Pontiac**
**Hengerveld De Kol 5th**
**It, etc.**

That means that the coming calves from the cows and heifers offered would make up a herd worth many thousands of dollars.

Bear this in mind when figuring on the

# Breeders Consignment Sale Co.'s 18th Sale

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**Sale Managers** **LIVERPOOL, N. Y.**

# Our Leading Herd Bull

## With His Dam and Sire

**Segis Pontiac De Kol Burke is our ideal of what a sire should be. Consider the following facts concerning him.**

**INDIVIDUALITY**—He has been twice a first-prize winner at the California State Fair; his sire and dam have both been Grand Champions at the same show, while his grandsire was twice a first-prize winner at New York State Fair.

**TRANSMITTING POWER**—He closely combines the blood of De Kol Burke, Pontiac Korndyke, Hengerveld De Kol. King of the Pontiacs and King Segis—together the sires of forty 30-lb. daughters. His near relatives have produced a very large proportion of the greatest milk producers.

**PRODUCING ABILITY**—His dam, Riverside Sadie De Kol Burke, is the greatest milk producer the dairy world has ever known, averaging 124.5 lb. milk per day for a month in official test and over 100 lb. per day for six months semi-officially. She has also outdistanced all competition for two consecutive years, with over 54,800 lb. On the sire's side, Pontiac Clothilde De Kol 2d, the first 37-lb. cow, and the first cow to produce over 1000 lb. of butter fat in a year.

**HIS OPPORTUNITY**—At 2 years old he now has twenty daughters in our herd, including a yearling from Tilly Alcartra, the only 30,000-lb. cow. 75 of our best cows (including Tilly Alcartra) are now in calf to him. Every daughter will be officially tested, and we expect to make him the greatest sire in the West.

**YOUR OPPORTUNITY**—A few young sons of Segis Pontiac De Kol Burke are available out of high record cows, several of which are 20,000-lb. half sisters to Aralia De Kol, the champion 11 and 12-year-old. You will find our prices reasonable.

**A. W. MORRIS & SONS CORP., WOODLAND, CAL.**

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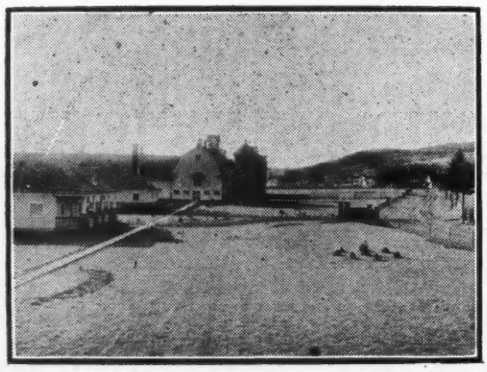
# RAG APPLE KORNDYKE 48020

## The Logical Successor to His Famous Sire



**He has 27 A. R. O. daughters including:**

Fairview Rag Apple De Kol (37.09 lb. at 6 years) who has made three records at 2, 4 and 6 years averaging 30.05 lb.—**an unequalled showing.**

| | | |
|---|---|---|
| Fairview Rag Apple Darkness | 4 yr. | 27.73 |
| Fairview Rag Apple Pauline | | 26.43 |
| Star Farm Cornucopia Rag Apple | | 26.41 |
| 365 days | | 882.38 |
| Milk | | 20388.90 |
| Sadie Vale Korndyke 2d | 3½ yr. | 25.03 |

8 others above 20 lb., including a number of 2 yr-olds.

RAG APPLE KORNDYKE

| | |
|---|---|
| was purchased for | $5,000.00 |
| His dam sold for | 8,000.00 |
| His brother sold for | 10,000.00 |
| His son sold in public sale for | 25,000.00 |

(The highest price on record)

Prices do not make quality, but quality commands the prices.

Rag Apple Korndyke is a splendid individual, of rugged constitution, weighing 2650 lb. These characteristics he transmits without exception to his offspring. He has over 100 young daughters coming on, and sons at the head of many of the greatest herds.

Is there anything more desirable (all things considered) than a son of Rag Apple Korndyke, from the right sort of a dam? We have a number of them which we are offering at reasonable prices.

**JENNINGSHURST STOCK FARMS**

**W. WORTH JENNINGS, Prop. TOWANDA, PA.**

# Holstein-Friesian World

Vol. XII LACONA, N. Y., AUGUST 28, 1915 No. 35

## A Day in Michigan—
## Wolverine Stock Farm

By E. M. HASTINGS

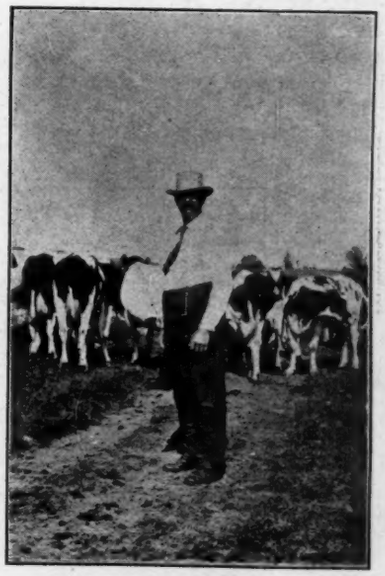
POSSIBLY life on the farm seemed a bit slow to the hustling, ambitious proprietor. In any event he decided to close out in public auction his herd of some forty pure-bred Holsteins. The herd had become locally famous because of the good records made by its members, and for the same reason its reputation had reached further than its owner knew. Accordingly the crowd that attended the sale, though made up largely of neighbors, contained a sprinkling of cattle buyers from a distance, and when the last animal was sold it was discovered that instead of the eight thousand dollars which the owner had thought the herd ought to bring, the price actually realized was in the neighborhood of fifteen thousand dollars.

Thus occurred, two years ago last April, the dispersal of the first Wolverine Herd, owned by T. W. Sprague, of Battle Creek, Michigan. Mr. Sprague's subsequent Holstein activities remind me of the experience of a certain undesirable citizen who was constantly declaring his intention of packing up and "going west". The only barrier that stood in his way was a lack of funds to pay moving expenses. The neighbors finally decided that it would be a good investment for the community to make up the amount necessary for the purpose and send the would-be traveler on his way rejoicing. The money was quickly raised and a delegation of citizens waited upon their neighbor and presented him with the purse that was to provide the means for his departure from their midst, but deeply moved by their generosity, he reconsidered his decision to leave, and declaring that he never knew before he had so many friends in that locality, he announced his intention of remaining permanently amid the people who had treated him so kindly.

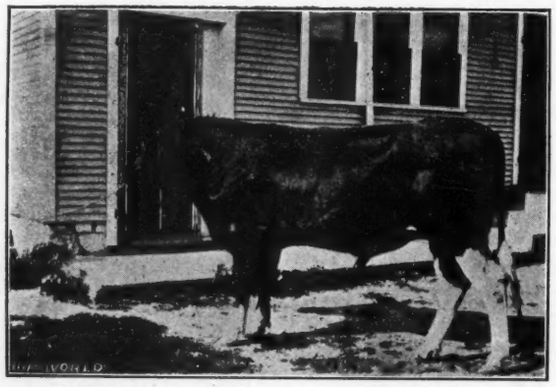
This story is not told to imply that Mr. Sprague is regarded by his neighbors as an undesirable citizen, but is merely suggested by the fact that his Holsteins proved better friends than he had thought, and straightway he discovered that in order to be contented, he must be surrounded again by the Black and White companions that had contributed to his prosperity. However, before selling the herd he had cut his bridges behind him by selling the farm. His next step was to move into town—the logical procedure of the retired farmer. Here he built and sold several houses, made some good money, got nicely located in a comfortable home of his own and tried to make himself believe that he was perfectly content. But something was lacking, and he was not slow in deciding that to make his cup of happiness complete, he must once more get into the Holstein game, a decision that led to the organization of the present Wolverine Stock Farm Company, which is to-day one of the great Holstein concerns of the great Holstein state of Michigan.

Mr. Sprague is fortunate in having a son who is a natural born farmer and a lover of good cattle. This son, Wilbur W., has for some years occupied a splendid farm conveniently and pleasantly located some three or four miles to the south of Battle Creek. Upon T. W.'s re-entry into the Holstein business, an adjoining farm was purchased which, combined with the other makes a total of 320 acres now owned and operated by the Wolverine Stock Farm Company. Of this company the father is president and the son is secretary and treasurer.

Upon my arrival at the farm, I found the secretary and treasurer with coat off and sleeves rolled up, busily engaged in making hay while the sun shone. A sturdy team was pulling at the rope that hauled the hay fork with its heavy burden to the top of the mow in the capacious loft of the new barn.



T. W. SPRAGUE



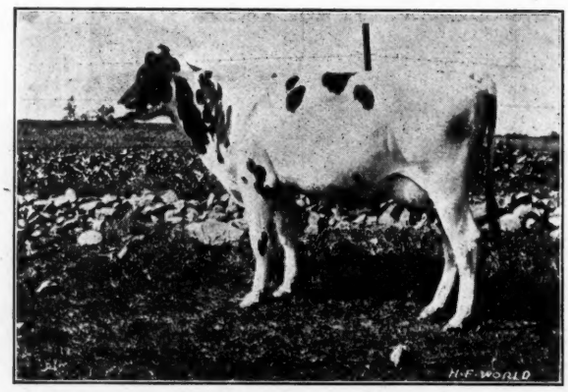
JUDGE WALKER PIETERTJE—at the head of the Wolverine Herd.

At the south end of the building was an attractive bunch of handsomely marked calves, and through the open doorway of the barn floor that was not occupied by the load of hay we saw a happy group of youngsters, consisting of Wilbur W.'s children and others of the neighborhood who evidently regarded the Wolverine plant as the proper rendezvous when seeking a good time.

The original Wolverine Farm buildings were completely destroyed by fire when the farm project was still in its experimental stage. The present outfit, therefore, though possessing the advantage of newness, has been acquired as the result of effort not unattended by serious loss and the discouragements that seem to be necessary part of the history of every undertaking that is worth while. The buildings as they stand are a credit to the owners. The house, as the picture shows, is attractive and commodious. The barn is of the balloon frame, hip roof type, combining strength with ample storage capacity for hay, without the inconvenience of obstructing posts and beams. The stable is arranged with special reference to handling in the most convenient manner the work of feeding and caring for the cattle. The senior member of the company takes a justifiable pride in the advantages of a barn that is designed to make easier the work of the man in charge of the herd, because he regards it as his special mission to get the day started right. Accordingly, at half past three in the morning, during the summer, he admits the cattle to the stable, making sure that every animal is in her accustomed place, and then proceeds to see that all are properly fed and in readiness for the milkers when they arrive a little later.

Of course, I was interested in the cattle, a considerable number of which were bought from the Oneida Community herd last winter. Among these were eight two-year-old heifers that have made, since their purchase, official records ranging from nearly 14 lb. to a little over 21 lb. butter in 7 days. The 21-lb. heifer, Cometta Wayne, is better than she appears in the accompanying picture. Making 21.05 lb. butter in 7 days, she produced in 30 days, 86.35 lb. butter, and averaged a little over 61 lb. milk per day, with an average test of 3.77 per cent. fat. She is a clean-cut, straight, trim-built heifer, showing unmistakable thoroughbred quality. Her bull calf, sired by King Korndyke Hengerveld Ormsby was one of the most attractive youngsters that I have seen.

Another fine heifer was Lynden Pontiac Gale, with a record, at 37 months, of 19.68 lb. Having been in milk for half a year, she shows to poor advantage in the picture. Her sire, King Pontiac Gale, is making good through his daughters, one, Queen Pontiac Gale, having 27 lb. to her credit at 3 years and 1 month old, and another, Pearl Pontiac Gale, 24 lb. at 3 years and 4 months.



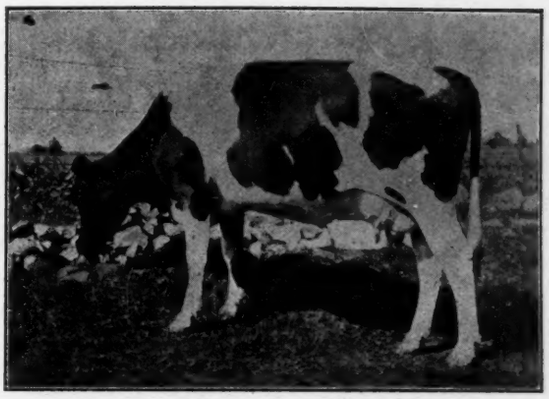
COMETTA WAYNE, No. 198225.—Record at 2 yr., 21.05 lb. butter in 7 days. Owned by Wolverine Stock Farm Co., Battle Creek, Mich.

The members of the Wolverine Herd average high in individual quality. Together they constitute a creditable Holstein exhibit. They show quality and development and present every evidence of capacity to produce.

The former Wolverine Herd was headed by Sir Prilly Hengerveld, who, when the herd was sold, became the property of a neighbor, Frank Sutfin, in whose herd he is still the senior sire. Of the excellence of this bull I had an opportunity to judge during the forenoon of my day in Michigan when looking over the Sutfin herd, which includes many of the daughters of Sir Prilly Hengerveld—an uncommonly promising lot, individually equal to their superior breeding. To Sir Prilly Hengerveld belongs a considerable degree of the credit for T. W. Sprague's success as a breeder. Therefore, it

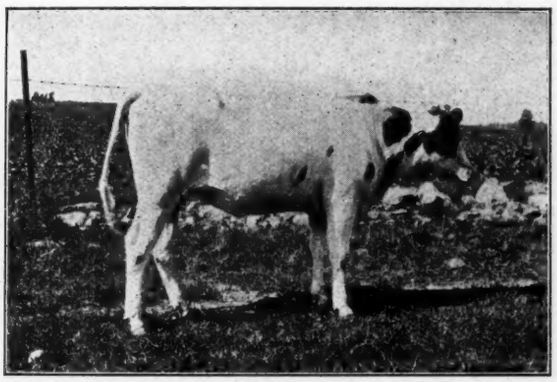
Officers of the Wolverine Stock Farm Co. At the left is the President, at the right the Secretary and Treasurer.

is not surprising that in the selection of a bull to place at the head of the new Wolverine herd, his choice should point to an animal so splendidly bred as the present herd sire, Judge Walker Pietertje. This young bull, bred by the A. A. Hartshorn Holstein Company, in breeding and individual merit was all that the Wolverine establishment demanded. Only one objection presented itself and that was in the matter of price, for the Hartshorn concern has a sort of monopoly on the combinations represented in his pedigree, which means that this kind of breeding costs money. However, another enterprising Holstein establishment of Battle Creek was equally in need of a top-notch bull, and as the owners of both herds were all good men and true, who could join harmoniously for effective team work, Judge Walker Pietertje became the joint property of the Wolverine Stock Farm and the Lakewood Herd— a fortunate arrangement for both since it divided the cost and will multiply profits for both. The day was warm when we took this bull's picture, and the flies were so troublesome we had hard work to keep him still long enough to get a snap shot, but the photograph will show that he is a rugged, heavy-boned animal, with plenty of constitution and substance. Judge Walker Pietertje was by King of the Black and Whites and his dam is Mary Walker Pietertje (31.81 lbs), the only cow having two 30-lb. daughters and a 32-lb. dam.

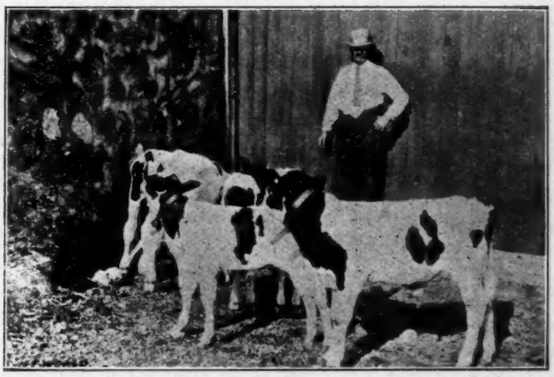


LYNDEN PONTIAC GALE, No. 68964.—Record, at 37 months, 19.68 lb. butter in 7 days. Owned by Wolverine Stock Farm Co., Battle Creek, Mich.

The Wolverine cattle are O. K., the farm shows enterprise and good management, but, most important of all, the men back of the establishment are of the right sort, square and honorable, industrious and ambitious for the improvement of the greatest dairy breed. Father and son are working harmoniously and unitedly in a project which enlists their keenest interest and most earnest effort. They are getting results.



A yearling member of the Wolverine Herd



Calves in the Wolverine Herd sired by King Korndyke Hengerveld Ormsby.

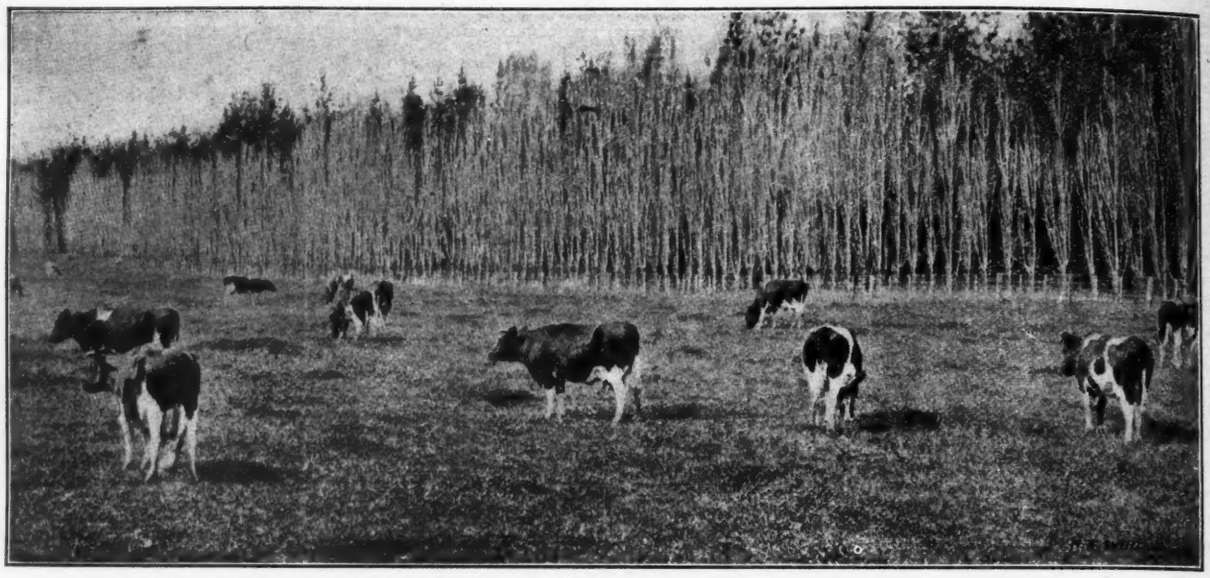
# Holsteins in New Zealand

By W. M. SINGLETON

The dairy herds of New Zealand must number some 725,000 cows, and the value of their production is conclusive evidence that they are of very great importance to the Dominion's agriculture. Of the various phases of agriculture practiced in New Zealand to-day the dairy cow is responsible for the fact that on suitable farm areas no industry can profitably compete with her. She is therefore "Queen of Agriculture," and Agriculture, according to Ruskin, "is the lord of all the occupations and arts of men."

I believe that for distinctive dairy breeds there is in New Zealand a fine future. There is room for a great increase in numbers and considerable improvement in general quality, which will keep an enthusiastic breeder too busy to find time for any jealousy towards partisans of breeds other than his own. Some twenty thousand prepotent purebred dairy bulls would be needed in New Zealand to-day had we the ordinary dairymen educated on the principles of breeding. With such scope breeders cannot afford to do anything which will prejudice any dairy breed. Any such action reflects on all purebred dairy stock. It must be recognized that purebred animals of any of the dairy breeds are good property for a dairyman, provided that such animals are of deep-milking strains.

The North Island agriculturists devote their attention more exclusively to dairying than do the farmers of the South Island. It is only natural therefore that, although dairying is a prominent phase of agriculture in the South, the use of purebred dairy bulls is more general in the North. Such being the case, the majority of the breeders of purebred dairy cattle are in the North Island, where the distinc-



Members of the herd at the Weraroa Experimental Farm.

tive dairy breeds have extended much more rapidly and have become a great deal more popular.

* * *

During the past decade the Holstein-Friesian has attained very considerable popularity in New Zealand as well as elsewhere. Being a large-framed cow she suits a number of our dairy districts specially well, since she is capable of converting large quantities of rough feed into that much-prized product, milk. The trend from butter manufacture to that of cheese has given her admirers a unique opportunity of stressing her capabilities as a producer of milk for cheese. The exceedingly large yields of the deepest milking individuals of the breed have also advertised the "black and whites" in no uncertain manner, and for a time this color was the means of making any quality of animal popular amongst buyers at the saleyard.

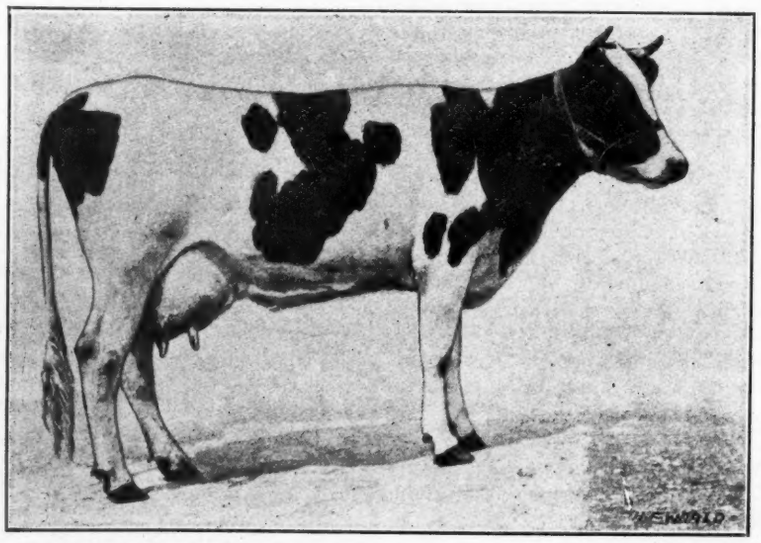
The first importations to New Zealand were made in 1884 by John Grigg, Esq., of Longbeach, Canterbury. These came from Holland, and were brought to our Dominion by the "Waimea" They were transhipped to this vessel in the English Channel, since they could not be admitted to England. From the Longbeach stud animals have been distributed to many parts of the country, and the foundation stock of a number of our Holstein herds traces back to the bull and some of the seven cows brought here by Mr. Grigg. That the selection (the work of his son, Mr. J. C. N. Grigg, upon whose advice the importation was made) was sound is evidenced by the popularity of this strain to-day.

Such rapid strides have been made of late that the Holstein-Friesian Breeders' Association now numbers 272 members, and has issued three herd-books. The three volumes contain the pedigrees of 699 bulls and 2,557 cows and heifers.

Until the Department of Agriculture, in 1909, bought from Mr. Grigg, of Longbeach, the nucleus of its Holstein-Friesian herd at Weraroa this breed had acquired very little popularity in the Dominion. At this experimental farm records of production were kept, each milking from each cow being weighed for this purpose during the lactation period. An annual sale of bulls was instituted, and a new feature in connection with the sales was the announcement of the production of butter fat by the dam of each bull. The records were good, and the high prices brought by a number of the bulls did much to advertise the "black and whites." That there are some really splendid strains of this breed in New Zealand to-day will be apparent from some of the remarks made later on in this article.

### Authenticated Yearly Yields of Pure-bred Dairy Cattle.

At each of the numerous meetings held during the past five years to discuss the subject of cow-testing association work officers of the Dairy produce division have recommended dairymen to head their herds with pure bred bulls of heavy butter fat producing strain. The difficulty in obtaining such bulls caused many prospective buyers no little concern. Breeders were approached for records, but could give none other than private figures, and even these many were loath to supply. The position became



NETHERLAND PRINCESS 4th.—The Champion butter fat cow of New Zealand. Butter 1 year, 1007.21; milk, 19621.60. This record was made at the age of 2 yr. 11 mo. 11 da., and is the second largest ever made in the whole world by a heifer in her class. Owned by J. Donald, Westmere, N. Z.

more acute each successive season, until in the spring of 1912 an arrangement for the systematic testing of pure bred dairy cows by officers of the dairy produce division was made. During the 1912-13 season the Holstein-Friesian and Jersey Cattle Breeders' Associations adopted the scheme, and the Ayrshire-breeders came in during the season 1913-14. The Milking Shorthorn Breeders' Association, recently formed at Palmerston, has also signified its intention of supporting the movement. Each of the above breeders' associations has adopted a uniform standard of butter fat requirement.

Since its inception the yearly testing of purebred dairy cows has been enthusiastically patronized. Breeders from the North of Auckland district to the Invercargill district in the South are represented in this work, which has been progressing in a manner that leaves little to be desired.

### Forms Versus Yield.

Show yard competition has done much to assist some breeds of dairy cattle, but this has also been responsible for some great divergencies from utility breeding. It is not suggested that the yearly test for butter fat should prejudice these competitions; on the contrary, and, further, it should assist in keeping out fads and fancies of an unprofitable nature. Good form and heavy production are not necessarily disassociated. A motor-car having a beautiful up-to-date model of a body may have a good or a poor engine; for a reliability trial over a long distance and a rough road the engine is the all-important factor. So in dairying; the year's test is the best indication of the excellence of quality of those parts of the cow which represent the engine, and of the cow's capacity to "make good" in the reliability trial. While dairymen are well aware that a certain type of body is desirable in a dairy cow, especially from the viewpoint of transmitting this characteristic to her progeny, more importance is to be attached to the engine, or those vital functions which are the criterion of the cow's efficiency in producing butter fat from the feed consumed.

### Results Obtained.

The testing of purebred cows has now extended into the third season, and certificates to Jerseys and Holsteins have been granted during a period of fourteen months, and to Ayrshires during a period of some ten weeks, as this latter breed did not commence testing until a year later than did the Jerseys and Holsteins.

To the end of December, 1913, certificates were issued to forty-eight Holsteins and to sixty-seven Jerseys. Up to the present time 148 Jerseys, ninety-six Holsteins, and twelve Ayrshires have received certificates.

At the end of the calendar year 1913 the leaders in the several classes of Holsteins stood as follows—

TABLE A

| Name of Cow | Name and Address of Owner | Age at starting Test. | Fat req'd. Cert. | Yield for Season. Days. | Milk. | Fat. |
|---|---|---|---|---|---|---|
| | | Y.dys. | lb. | | lb. | lb. |
| Two-year-old Class Netherland Princess | J. Donald, Westmere | 1 352 | 240.5 | 343 | 10572.50 | 430.82 |
| Three-year-old Class Dutch Girl | G. Aitchison, Kaitangata | 3 349 | 311.9 | 363 | 18332.25 | 644.54 |
| Four-year-old Class Countess of Galetea | N. King, New Plymouth | 4 290 | 342.5 | 333 | 12818.50 | 434.58 |
| Mature Class Longbeach Netherland Queen VII | J. C. N. Grigg, Longbeach | 9-10 yrs. | 350.0 | 363 | 16234.50 | 659.31 |

During the calendar year 1914 these leaders with one exception have been displaced. In some of the classes the competition has been so keen that pride of place was held for only a short time by any one cow. This is a healthy sign, and an indication of good work on the part of the breeders. The future will probably show a tendency to less frequent changes in this connection.

The leading positions are now held according to the following table—

TABLE B

| Name of Cow | Name and Address of Owner | Age at starting test | Fat req'd. Cert. | Yield for season Days. | Milk. | Fat. |
|---|---|---|---|---|---|---|
| | | Y.dys. | lb. | | lb. | lb. |
| Two-year-old Class Netherland Princess IV | J. Donald, Westmere | 2 341 | 274.6 | 365 | 19621.60 | 805.77 |
| Three-year-old Class Dutch Girl | G. Aitchison, Kaitangata | 3 349 | 311.9 | 363 | 18332.25 | 644.54 |
| Four-year-old Class Annette V of Brundee | W. H. Bayliss, Mangatainoka | 4 112 | 324.7 | 330 | 14401.00 | 545.30 |
| Mature Class Holland Queen | A. J. Gallichan, Tiakitahuna | 5 52 | 350.0 | 365 | 20629.90 | 755.78 |

Although the year is not yet concluded, readers will notice the marked increase which has been made in the records of the leaders since the commencement of the year. With only one exception each class evidences a considerable increase.

* * *

In the mature class Holland Queen, owned by Mr. A. J. Gallichan, leads, the splendid record of Longbeach Netherland Queen VII having been displaced by this cow with a margin of almost 100 lb. of butter fat. Mr. Aitchison's Dutch Girl has held the honors of the three-year-old class as no leader of any other class has done. The four-year-old class has seen two leaders during the current season. The present leader, Anette V of Brundee, owned by Mr. W. H. Bayliss, increases last year's figures of the class by over 110 lb. of butter fat.

While the above figures and comment indicate, in many classes, increases such as we cannot expect annually, impartial breeders will probably be unanimous in according to Mr. J. Donald's Netherland Princess IV honors as queen of our dairy breeds thus far. This heifer has dropped calves for the commencement of three lactation periods within two years. After the first calf she produced the yield indicated in Table A, and after her second calf she produced the yield credited her in Table B. Her third calf was dropped on the twelfth day after concluding this 365-day period. During the early portion of her testing season she grazed with Mr. Donald's ordinary dairy herd.

### The Future.

Our Dominion presents conditions for dairying which compare favorably with those of any other country. We have districts where nature co-operates with the breeder to a degree that renders the best success in breeding possible. There is no reason why New Zealand should not develop some of the best individuals of the distinctive dairy breeds. Nothing short of this should be our aim, and I have every confidence that our object will

be attained. The future should bring some demand from overseas, for even now we have stud stock which would benefit other countries. Our local trade is being built up, and while catering to local requirements a class of dairy cattle will be developed which will doubtless attract wider attention. The successful breeding of pure bred dairy stock of the right strains cannot but have a prosperous future.—New Zealand Journal of Agriculture.

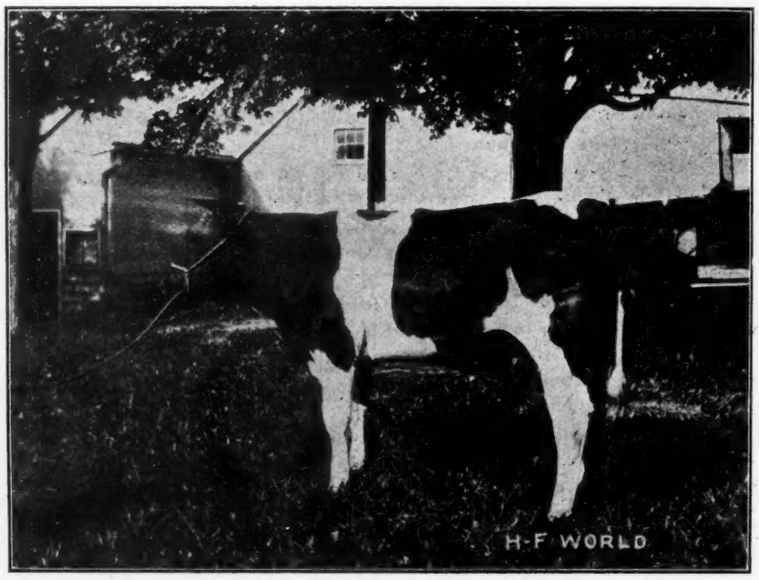
# A Day at Hilldale

By M. S. PRESCOTT

THE work of harvesting the bumper hay crop was in full swing. Haste was essential, not only on account of the earlier delays caused by the almost constant rains of the past few weeks, but by reason of the prospects for continued uncertainty, and the oat harvest closely approaching. As a consequence, there was a genuine bustle of activity at Hilldale when just before noon of August 11th we pulled into the yard for the purpose of looking over the herd and getting a few snapshots of the leading members. Even though we had a good day's work mapped out for that afternoon, we could not refrain from stopping right at the outset to get the full benefit of the view down the valley in both directions. We have previously remarked in these columns that we know of no other Holstein establishment which commands as fine a view as this, and every time we visit Hilldale this opinion is strengthened.

However, it was not primarily the beauties of nature which we came to see, but rather the Hilldale Holsteins. Concerning the general reputation of the herd it is unnecessary to make extended comment, for the Hilldale Herd has been coming to the front for the past seventeen years. In it have been developed eight 30-lb. cows, and a large number of heifers with sensational records up to 29.93 lb. at 4½ years. During the past three years members of the herd have won $477.00 in prize money from the Holstein-Friesian Association of America. The herds that can equal this record of achievement are to say the least not numerous. In fact they could be counted on the fingers of your two hands.

In the development of the herd, the blood of King Segis has been most prominent and reciprocally the members of the Hilldale Herd have been very prominent in making the reputation of King Segis. Two of his 30-lb. daughters, i. e., his second highest record mature daughter and his second highest record 4-yr.-old were both developed at Hilldale. Perhaps the best work, however, has been done by the granddaughters of King Segis, i. e., by the daughters of the herd sire, King Segis Beets. King Segis Beets was born at Hilldale in November, 1906, and there he has made his home ever since. From the start his daughters did exceptional work, and were so uniformly good that it was not long before their sire was recognized as one of the very best sons of King Segis.




FRIEND PONTIAC BEETS KORNDYKE—Junior Sire at Hilldale. He is a son of Friend Pontiac Korndyke, and Hilldale Beets Korndyke (33.42 lb.). He is to be sold in the coming dispersal of this herd.

Up to the close of the last official year he had 38 A. R. O. daughters, the entire number, comprising 13 2-yr.-olds, 7 3-yr.-olds, 13 4-yr.-olds and 5 mature cows, averaging 20.94 lb. butter, 434.8 lb. milk, 3.81 per cent. fat at an average of 3 years 8 months. Figuring their records by ages the 13 2-yr.-olds average 18.17 lb.; the 7 3-yr.-olds 21.11 lb.; the 13 4-yr-olds 22.45 lb., and the 5 mature cows 24.12 lb.

Following is a list of a few of his highest records daughters:—

| | |
|---|---|
| Hilldale Rosa Segis 4 yr. | 31.52 |
| Milk | 652.10 |
| 30 days | 120.80 |
| Milk | 2607.40 |
| (3d Prize for 7 and 30 days 1912-13) | |
| Hilldale Mercedes Segis 3½ yr. | 30.73 |
| (4th Prize 1914-15) | |
| Hilldale Gem Segis 4½ yr. | 28.60 |
| Milk | 609.90 |
| (13th Prize 1913-14) | |
| Lorettie Wayne De Kol 3d 3y. | 28.01 |
| (6th Prize 1912-13) | |
| Belle of Shady Nook 5 yr. | 26.37 |
| Hilldale Sadie Segis 5 yr. | 26.12 |
| Hilldale Segis De Kol 2d 5 yr. | 25.80 |
| He has 16 other daughters with records above 20 lb. | |

Seven of his 2-yr.-old daughters have made 7-day records of 20 to 22.51 lb., milking as high as 539.7 lb. in 7 days. One 2-yr-old daughter won first prize in the eight months after calving division last year. Altogether his daughters have won $379.00 in prize money from the Association.

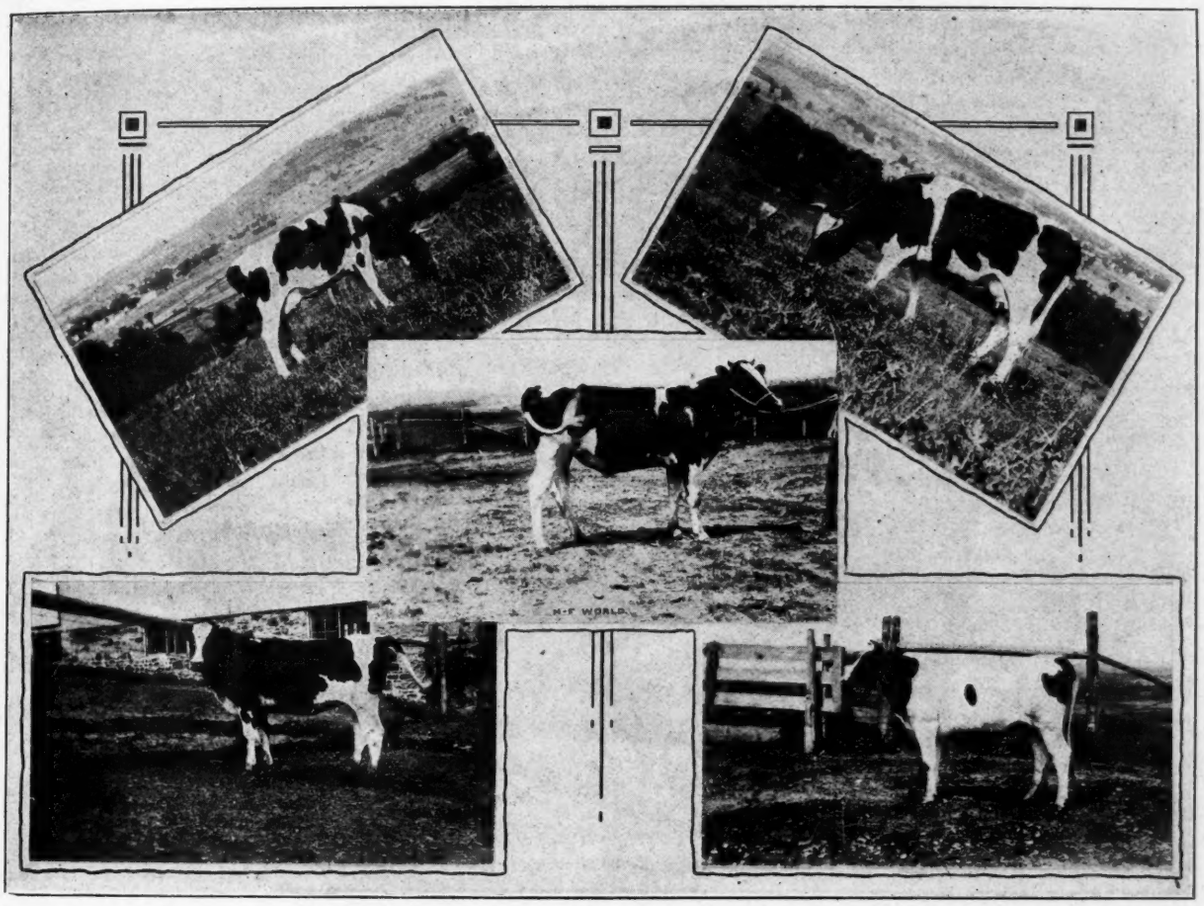
King Segis Beets himself is a magnificent individual, weighing very close to 2600 lb. As shown by the untouch-

Yearlings by King Segis Beets and Friend Pontiac Korndyke. A credit to Hilldale effort.

ed photograph published in this issue he leaves little to be desired in the way of individual merit. These characteristics he imparts with almost unfailing certainty to his offspring. In going through the Hilldale Herd it is not at all a difficult matter to pick out his daughters by reason of their level udders, deep bodies, square rumps, and general air of quality and breeding. Twenty-six of them are now in the herd, and their superiors would be mighty hard to find. One of the very best of these is Ideal Segis Beets, with a 4-yr-old record of 21.22 lb. She is a young cow of extra size, and if she does not prove to be a 30-lb. cow at next freshening it will not be her fault. Another very promising one is Hilldale Rosa Inka Segis, a 21-lb. 2-yr-old full sister to Hilldale Rosa Segis (31.52 lb.). This heifer, Mr. Stanton told me, was starting out to make a better cow than her sister. Hilldale Segis De Kol 2d, a 25.8-lb. daughter, was from a 25-lb. daughter of King Segis, and is a veritable milk machine. She has already made two records above 25 lb. and looks as though she should do much better later. Hilldale Lorie Korndyke Segis, a 22-lb. junior 2-yr-old daughter, from the 29.93-lb. 4-yr-old, Hilldale Lorie Korndyke, has the right to be as good as any of the daughters of her sire, and her appearance justifies this belief.

On the daughters of King Segis Beets, was used the bull, Friend Pontiac Korndyke, a son of Pontiac Korndyke and the 25.9 lb. cow, Nicolo Pauline Friend, who was a cow of real 30-lb. capacity. This combination of a son of Pontiac Korndyke upon the granddaughters of King Segis seems to have been a fortunate one, judged by the results. Only two of the heifers representing this cross have been tested thus far, but at 2 yr. 1 mo. their records average just an even 20 lb. The yearling daughters of this Pontiac bull are extremely promising. One of the best of these is the heifer, Hilldale Rosa Segis Pontiac, out of the 31-lb. 4-yr.-old, Hilldale Rosa Segis, the best daughter of King Segis Beets. This heifer has size and conformation to correspond with her breeding. Another remarkably good one is out of a daughter of King Segis Beets and Johanna De Kol Van Beers, the famous 40-lb. $7,000 cow. In the herd are two daughters of Pontiac Korndyke, one being the last one sired by him before his death, and the other the 26-lb. cow, Fairview Irene Korndyke 2d. One daughter of King Segis is left, Segis Fay Hengerveld, with a 3-yr-old record of 21.99 lb. Mr. Stanton pointed her out as a sure 30-lb. candidate. Another that should cross the 30-lb. mark next time is De Kol Burke Netherland 2d, a daughter of Korndyke Abbekerk. She has a junior 4-yr-old record of 26.18 lb., made last year.

Princess Korndyke Topsy Paul 2d, a 22-lb. 3-yr.-old daughter of King of the Pontiacs, is a heifer of extraordinary size for her age, with all the ear marks of a producer. One of the milkiest heifers in the herd is the 24-lb. junior 2-yr.-old, Princess Castine Tirania 3d,




ALL SIRED BY FRIEND PONTIAC KORNDYKE

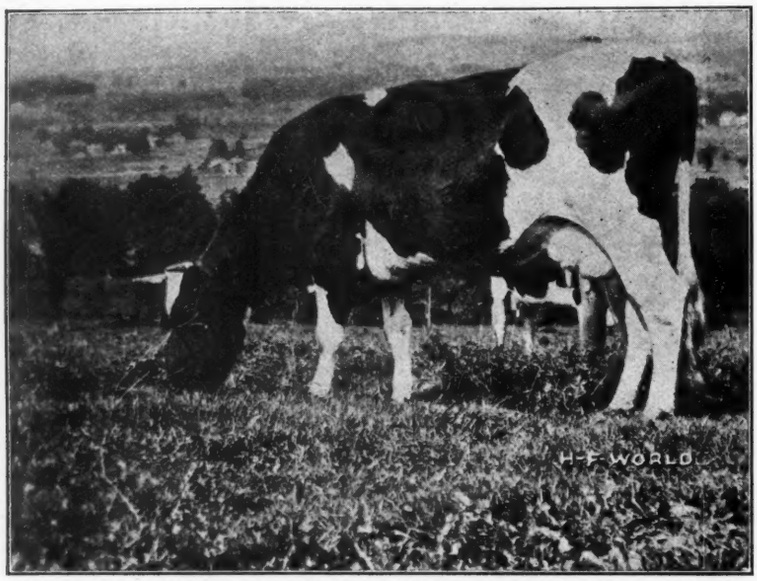
HILLDALE LORETTA WAYNE PONTIAC—Butter 23 mo., 18.51. A daughter of Friend Pontiac Korndyke, from a 28-lb. 3-yr-old daughter of King Segis Beets.

HILLDALE JOHANNA DE KOL VAN BEERS—A daughter of Friend Pontiac Korndyke, from a daughter of King Segis Beets and Johanna De Kol Van Beers (40.07 lb.).

BULL CALF — Son of Friend Pontiac Korndyke, from a 21-lb. 2-yr-old daughter of King Segis Beets; 2d dam a 27-lb. cow.

HILLDALE PAULINE BEETS CATRINA—Butter 2 yr., 15.15. A daughter of Friend Pontiac Korndyke and Pauline Beets Catrina, the dam of King Segis Beets, and a 33-lb. cow.

HILLDALE ROSA SEGIS PONTIAC—A daughter of Friend Pontiac Korndyke, from a 31-lb. daughter of a 27-lb. cow and King Segis Beets.




HILLDALE LORIE KORNDYKE SEGIS—Butter, 2 yr 2 mo. 22.14; milk, 398.90; butter, 30 days, 86.74; milk, 1834.70. (Won $39.50 in prize money.) A daughter of King Segis Beets, and the 29.93 lb. 4-yr.-old, Hilldale Lorie Korndyke. Owned, bred and developed at Hilldale.

a daughter of Judge Hengerveld De Kol. Perhaps the outstanding individual among the young calves is a daughter of Spring Farm King Pontiac, from the 33-lb. cow, Hilldale Beets Korndyke. This calf has an average of over 35 lb. for its two nearest dams and is a beauty. Two extra choice young bulls, practically all white in color, are sons of the 31-lb. 4-yr-olds, Grace Segis De Kol Boon and Hilldale Rosa Segis, the former being by King Segis, and from a 27-lb. daughter of a 28-lb. cow, and the latter by King Segis Beets, and from a 27-lb. granddaughter of Sadie Vale Concordia. The sire of these calves is King Lyons, the Moyerdale herd sire.

The ten nearest dams of each of these youngsters average over 30 lb., which, with the prepotent lines of breeding back of them, makes either a very desirable herd header.

Since the sale of Friend Pontiac Korndyke, one of his sons, Friend Pontiac Beets Korndyke, a son of the 33-lb. cow, Hilldale Beets Korndyke, has been doing duty as junior sire. Hilldale Beets Korndyke, while not the highest record cow developed at Hilldale, is considered the best cow ever bred there. She is a daughter of Salo Korndyke De Kol, one of the greatest sons of Sir Korndyke Manor De Kol, and from that grand old matron, Pauline Beets Catrina, the dam of King Segis Beets. Friend Pontiac Beets Korndyke has been used on the daughters of King Segis Beets, which should make another "nick" in breeding, the blood of Pauline Beets Catrina being thus intensified through two lines.

As a whole the herd is in splendid working condition—not too fat, for your real dairy cow in her every-day work will not take on any great amount of flesh during her lactation period. All, however, are in healthy condition, and look just what they are—a herd of producers.

The dispersal of a long-established herd is always a matter of regret, but from the standpoint of the buyer opportunities are offered which would otherwise be unavailable. Practically every breeder, no matter how much stock he is selling, has some particular families and individuals which he does not offer the public, which are retained to build up the reputation of the establishment. This fact is particularly true of the Hilldale Herd, and that is just the reason why its dispersal next month is bound to prove so attractive to the buying public.

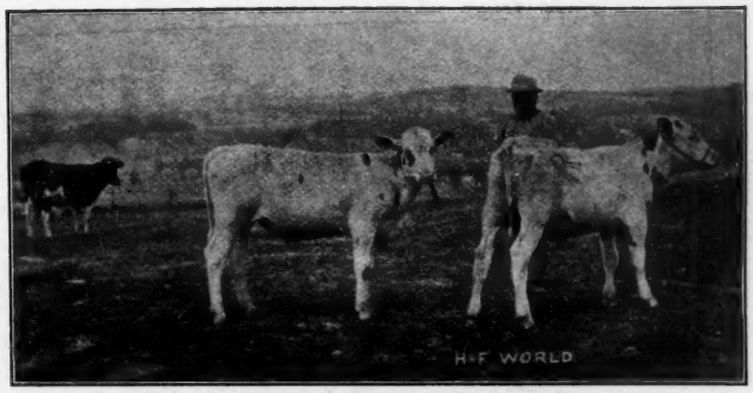
A few of the youngsters at Hilldale.

King Segis Beets is the only member of the herd retained, and he will head the new herd which the junior member, Mr. E. M. Stanton, is establishing on his farm between Fayetteville and Manlius. This fact will not hurt but rather help the sale of his daughters, as it will insure that King Segis Beets will remain in hands where his opportunity will continue Mr. J. A. Stanton, the senior member and founder of the herd, has now reached a point where the active management of a proposition of this size is too strenuous—he is ready to lay down the reins before it is a case of actual necessity. Mr. Stanton has fairly lived with his charges. They seem to him almost like members of the family. As I was getting ready

HILLDALE SEGIS DE KOL 2d.—Butter, 5 yr., 25.80; milk, 569.30; butter, 4 yr., 25.26. A daughter of King Segis Beets, out of a 25-lb. daughter of King Segis. Bred, owned and developed at Hilldale.

to leave for home Mr. Stanton said: "It's a shame to sell the herd now, for there are quite a number of these cows that I know can make 30 lb. If anybody particularly wants 30-lb. prospects, I will be perfectly willing to point out the ones that have it in them. It isn't a case of guesswork with me; I have been with them too long."

To state the matter briefly, my impression of the Hilldale Herd as it is to-day is a bunch of workers, extraordinarily uniform in respect to individuality and with breeding hard to equal for a herd of its size.




Sons of King Lyons; both from 31 lb. 4-yr-old dams. The ten nearest dams of each average over 30 lb.

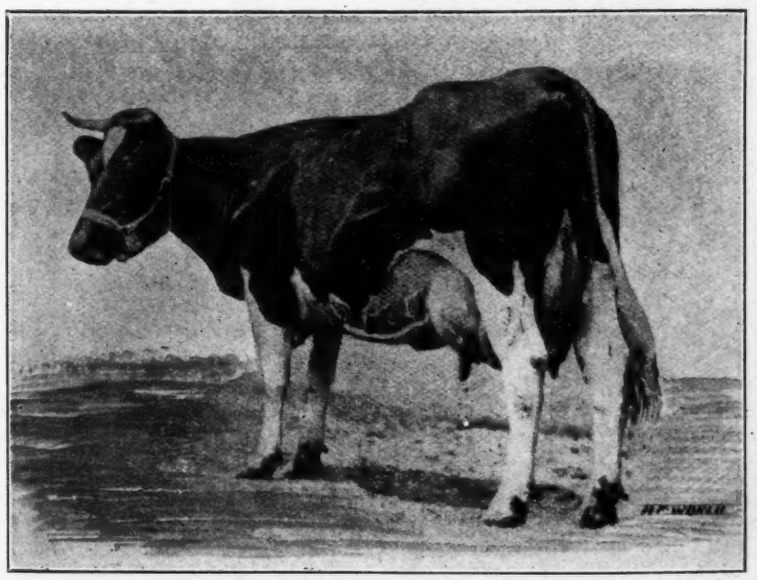
## NOTES FROM THE ADVANCED REGISTRY OFFICE

The time during the months of May and June was largely used by the Advanced Registry office in finishing the work left over from the last fiscal year. Copy for five-sixths of the 26th volume of the Advanced Registry Year Book has been prepared and sent to the printers, and the last of the copy will go forward this month. Proofreading is in progress, and it is expected that the book will be ready for distribution sometime in October. Our books are now open for subscriptions to this volume at $2.00 per copy; and as it will be first come first served, I would suggest that subscriptions be sent forward in order that the subscribers' names may be properly listed. A large number of our breeders have not yet secured a copy of the 25th volume, which is also sold at $2.00 per copy. Copies of the 24th and 25th volumes of the book should be secured while there is a chance; for when these copies are exhausted no reprint can ever be made. No Holstein-Friesian breeder can make a real success without the Blue Book.

During the last fiscal year, ending April 30th, 1915, 11,470 cows and heifers were tested for periods of not less than seven consecutive days; and the results of these tests will be entered in the 26th volume of the Advanced Register Year Book (Blue Book). Of these cows tested, 161 began their official records not less than eight months after freshening, while 566 completed semi-official yearly or lactation records. Taking the ordinary seven-day records only, 10,743 cows, of which over one-half were heifers with first or second calves, averaged each 406.9 lbs. milk containing 14.474 lbs. of butter-fat, equivalent to 58.1 lbs. or nearly 28 quarts of milk per day, and 16.9 lbs. of commercial butter per week. The milk showed an average of 3.56 per cent fat.

LUCILLE JOLIE PONTIAC—The new champion senior 4-yr-old, 8 mo. after calving with a record of 23.93 lb. She is in semi-official test and in her first 282 days has produced 772.54 lb. butter; 16,141.7 lb. milk. Owned by the Meadowholm Holstein Co., Chesterland, O.

The 566 cows completing semi-official yearly or lactation records, of which nearly one-half were heifers with first or second calves, averaged each 14,407.7 lbs. milk containing 488.97 lbs. of butter-fat, equivalent to 570.5 lbs. of commercial butter. The average length of the tests was 347 days, and the milk showed an average of 3.39 per cent fat. Compared with the average of all yearly tests to the close of the last fiscal year, 1,992 in number, the averages for last year show an increased per cent. of 45 lbs. milk and a decrease of 3.37 lbs. fat;



HOLLAND QUEEN.—Year's record at 5 years: Butter, 944.73; Milk, 20,629.90. Champion Mature Holstein of New Zealand for butter. Her milk record is the highest ever made on the island. Owned by A. J. Gallichan, Tiakitahuna, N. Z.

KING SEGIS PONTIAC ALCARTRA 7th at 16 mo. A son of the famous "King," and Wachusett Catrina (32.73 lb.) the onlycow that has made 7-day milk records above 600 lb. four different years. Bred by John Arfmann, Owned by J. N. Crowell, Prop. King's Hill Farm, Walden, N. Y.

the decrease of the milk in percentage of fat being .04 of one per cent.

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The following table shows the summaries for the several classes in yearly test to the close of the fiscal year:

| | No. | Milk | Fat | % |
|---|---|---|---|---|
| Full aged cows | 707 | 16,248.5 | 554.78 | 3.41 |
| Senior Fours | 139 | 15,167.6 | 513.56 | 3.39 |
| Junior Fours | 163 | 14,479.2 | 498.12 | 3.44 |
| Senior Threes | 175 | 13,841.9 | 471.77 | 3.41 |
| Junior Threes | 176 | 13,445.8 | 465.43 | 3.46 |
| Senior Twos | 204 | 13,029.6 | 454.23 | 3.49 |
| Junior Twos | 428 | 12,167.4 | 417.79 | 3.43 |
| Average for 1,992 animals | | 14,362.7 | 492.34 | 3.43 |

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To the close of the last fiscal year 1,084 Holstein-Friesian cows had produced above 80 lbs. fat in thirty consecutive days, while 2,625 cows and heifers had produced above 20 lbs. fat in seven consecutive days. Seventy-two cows and heifers had produced above 700 lbs. milk in seven consecutive days; thirty-seven above 3,000 lbs. milk in thirty consecutive days; and thirty-four above 24,000 lbs. milk in yearly or lactation test.

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In the yearly test the Holstein-Friesian breed has many times the number of cows with great productions than can be shown by all other breeds combined; the number of Holstein-Friesian cows at the present time that have produced above 850 lbs. of fat in one year being thirty-five. These thirty-five cows and heifers, one of which has more than three months to run, show an average of 25,052.15 lbs. of milk containing 939.5 lbs. of butter-fat. Two of the cows have produced between 1,000 and 1,100 lbs. fat, one cow and one heifer between 1,100 and 1200 lbs., and if all goes well with another great cow of the breed she will probably produce above 1,200 lbs. fat. This cow is Duchess Skylark Ormsby, owned by Mr. John B. Irwin, Minneapolis, Minnesota; and she is credited to the close of July with 987.11 lbs. fat from 21,414.4 lbs. milk. Up to the present time eight different supervisors have been employed in the conduct of this test, and nothing is being left undone to thoroughly authenticate the wonderful record.

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During the period from May 1st to 27th, 1915, records for 647 cows and heifers were received and have been accepted for entry in the Holstein-Friesian Advanced Register; of which thirty-one were extended to fourteen days, three to fifteen, four to twenty-one, thirty-one to thirty, one to sixty, and one to one hundred and twenty days. The averages by ages or classes follow.

One hundred and fifty-nine full aged cows averaged: age, 6 years, 10 months, 16 days; days from calving, 17; milk, 479.8 lbs.; per cent fat 3.54; fat, 16,971 lbs. Thirty-two senior four-year-olds averaged: age, 4 years, 9 months, 21 days; days from calving, 26; milk, 450.9 lbs.; per cent. fat, 3.65; fat, 16,472 lbs. Fifty-two junior four-year-olds averaged: age, 4 years, 2 months, 7 days; days from calving, 21; milk, 464.7 lbs.; per cent fat, 3.57; fat, 16.570 lbs. Forty-three senior three-year-olds averaged: age, 3 years, 9 months, 8 days; days from calving, 30; milk, 404.1 lbs.; per cent fat, 3.54; fat, 14.287 lbs. Eighty-nine junior three-year-olds averaged: age, 3 years, 2 months, 24 days; days from calving, 19; milk, 393.9 lbs.; per cent fat, 3.66; fat, 14.402 lbs. Fifty-eight senior two-year-olds averaged: age, 2 years, 9 months, 24 days; days from calving, 20; milk, 363.3 lbs.; per cent fat, 3.53; fat, 12.813 lbs. Two hundred and fourteen junior two-year-olds averaged: age, 2 years, 1 month, 13 days; days from calving, 26; milk, 315.8 lbs.; per cent fat, 3.59; fat, 11.329 lbs.

This herd of 647 animals, of which over one-half were heifers with first or second calves, produced in seven consecutive days 255,955 lbs. milk containing 9,150.975 lbs, of butter-fat, thus showing an average of 3.58 per cent fat. The average production for each animal was 395.6 lbs. milk containing 14,144 lbs. of butter-fat, equivalent to

INKA PRINCESS MUTUAL DE KOL—Butter, 7 yr., 33.25; Milk, 711.90. She has just broken the World's Record for a 13-yr.-old cow by producing 708 lb. milk in 7 days. A daughter of De Kol 2d's Mutual Paul, the youngest son of De Kol 2d. Owned by Carnation Stock Farms, Seattle, Wash.

56.5 lbs. or over 26.9 quarts of milk per day, and over 16.501 pounds of commercial butter.

The leading record in this first number of the official Records Bulletin covering entries in volume 27th of the Advanced Register is that of Fairview Rag Apple De Kol, 29.672 lbs. fat from 432.5 lbs. milk; but we also have a record of 28.083 lbs. fat from 515.6 lbs. milk made by Maple Crest Pontiac Application. This latter cow is starting out finely on semi-official test, and will add to the laurels now won by Maplecrest cows. Listed with 25-pound records will be found two cows as follows: The junior four-year-old Woodcrest Cornelia Pietje, 25.615 lbs. fat from 478.8 lbs. milk; and the junior three-year-old Lady Waldorf Pietje, 25.699 lbs. fat from 600.2 lbs. milk in seven days, 101.729 lbs. fat from 2,416.4 lbs. milk in thirty days. It will be noted that this heifer produces a proportional amount of milk and that the record is the larger of the two. She gains eighth place in her class.

Five 24-pounders are listed, of which three are full aged cows and two are junior three-year-olds. The best of the full aged cows is Sadie Korndyke Wayne, 24.642 lbs. fat from 609.6 lbs. milk in seven days, 99.055 lbs. fat from 2,456.5 lbs. milk in thirty days; and she holds out finely for sixty days. with a production of 189.317 lbs. fat from 4700.9 lbs. milk. She is slightly exceeded in fat production by the junior three-year-old K. P. Lilith Altoana, 24.682 lbs. fat from 501.6 lbs. milk, a very fine record for a junior three-year-old. The other 24-pounders are the cows Aaggie Texal Wayne 2d, 24.477 lbs. fat from 585.2 lbs. milk, and Dutchland Cornucopia Hengerveld 2d, 24.47 lbs. fat from 666.7 lbs. milk in seven days, 98.408 lbs. fat from 2,753.7 lbs. milk in thirty days, and the heifer Wellsland Aaggie Korndyke, 24.466 lbs. fat from 481 lbs. milk.

In the full aged class will be found twenty-three animals above twenty lbs. fat; and in the junior four-year class there are three cows above twenty-two pounds fat. The junior three-year-olds show eleven heifers above eighteen pounds fat, the senior two-year-olds, five above seventeen pounds fat, and the junior two-year-olds, twelve above fifteen pounds fat. The leaders of the junior two-year class showing above 16 lbs. fat with their productions are as follows: Orchard Farm Starucca De Kol, 17.477 lbs. fat from 427.5 lbs. milk; Segis Ekster Pontiac, 17.135 lbs. fat from 353.8 lbs. milk; Bess Burke Ormsby, 17.115 lbs. fat from 434.6 lbs. milk in seven days, 70.672 lbs. fat from 1,751.8 lbs. milk in thirty days; Segis Lyons Tehee, 16.168 lbs. fat from 318.8 lbs. milk; and Gypsy Lyons, 16.138 lbs. fat from 385.1 lbs. milk.

## Field Notes

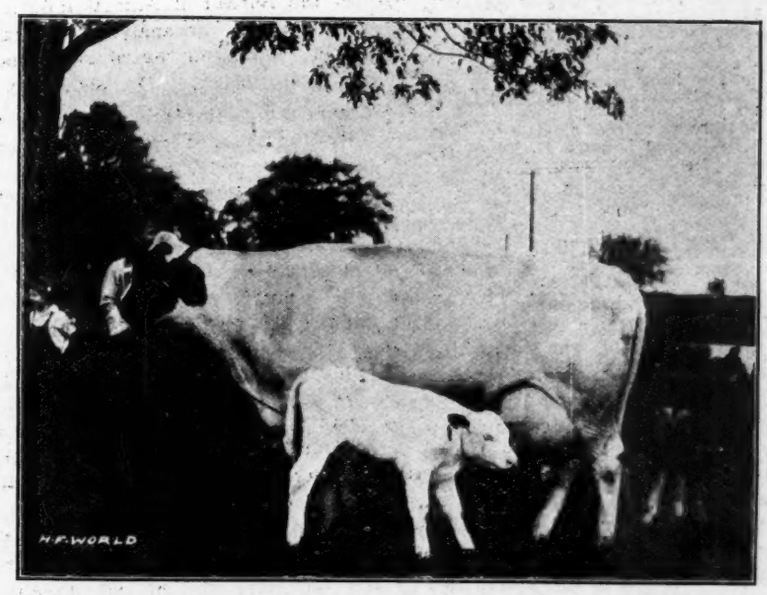
Little & Little, who have exhibited Holsteins with considerable success in western fairs and are recognized as cattle men of ability, are establishing a Holstein herd at Clarks, Neb.

The Southwestern New York Holstein Breeders Club is to have a field day and picnic on August 28, at the farm of James Phelan, Forestville, N. Y. The program will include a milking machine demonstration and a cattle exhibit consisting of a show of cows divided into three distinct classes. One: scrubs that give an average of 3,000 lb. of milk a year. Two: grade Holsteins of 12,000-lb. capacity and three, pure bred Holsteins that have produced over 18,500 lb. within a year as two-year-olds.

### Finderne Holingen Fayne Freshens

The Somerset Holstein Breeders Company advise that the World's Champion 3-yr-old cow, Finderne Holingen Fayne No. 144551, gave birth August 16 to a very handsome well developed bull calf sired by King Pontiac Segis Korndyke No. 84705 who is a brother to the new World's Record Champion Jr. 4-yr-old, Mabel Segis Korndyke 40.36 lb.

The calf is light in color. Both calf and dam seem to be doing nicely. It is unfortunate, however, that she freshened at such an unfavorable time of the year for testing. The fact that she has carried a calf and has freshened all in good shape so soon after making her record would seem to make the record all the more wonderful.




FINDERNE HOLINGEN FAYNE and her 3-days old son, born August 16, 1915, by King Pontiac Segis Korndyke. The fact that she could produce a calf of this quality, carrying it four and a half months of her World's Record smashing test, adds greatly to its value. May she continue to add to the laurels of her progenitors as well as her owners. Joseph Bossler, the man who tested all the World's Champion "Findernes," is shown holding the cow.

### New Records

We are pleased to be able to announce two new World's Milk Records in this issue. Both of them bring new laurels to the Pacific coast, which is steadily annexing the various championships for milk production. Inka Princess Mutual De Kol, who at 7 yrs. made a 7-day record of 33.25 lb. butter, 711.9 lb. milk, now comes back at past thirteen years of age with 707 lb. milk, 28.49 lb. butter—a World's Record for milk, by a wide margin, and the second highest butter record for her age. She is a daughter of De Kol 2d's Mutual Paul, and her dam is a 24-lb. daughter of Paul Beets De Kol.

The other World's Record is the 6-months official record of the junior 4-yr-old, Forward Somerset Duchess. Her total for her first half year is 16,528.3 lb. a showing approached by no other heifer of her age. In fact, very few aged cows have ever equalled this showing in either semi-official or official test.

Both of these cows are owned by Carnation Stock Farms, on their farm at Monroe, Wash., which is under the management of C. H. Baldwin.

### OUR COVER ILLUSTRATION

The magnificent head shown on our front cover this week is that of Rag Apple Korndyke 8th, for whom Oliver Cabana, Jr., paid $25,000 last winter. If this view doesn't look the part, we would like to be shown where it could be changed for the better.

HOLSTEIN-FRIESIAN WORLD

The only weekly Holstein-Friesian Journal
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When so desired advertising copy will be prepared or revised for our customers free of charge.
We cannot undertake to furnish regularly any back numbers, but as long as our supply lasts they may be had for ten cents the copy.
Address all correspondence for theEastern Edition to Lacona, N. Y.

August 28, 1915

## The Facts Concerning the Start of the Foot-and-Mouth Epidemic

It has been common knowledge for some time that a serious blunder was committed at the outset of the foot-and-mouth disease infection in Michigan. Some have blamed the Michigan authorities and some the Federal authorities. The facts in the case seem to prove that this criticism is amply warranted, for while the presence of a disease resembling foot-and-mouth disease was known to the authorities of both state and federal departments in September, 1914, no quarantine at all was put in force until nearly the middle of October, and no effective quarantine until October 30th. This failure on the part of the officials in charge has cost the live stock interests of the country a vast amount of money—a sum almost impossible to estimate with any degree of exactness. Investigations now being conducted are endeavoring to fix the responsibility, and we understand prominent Federal officials have been asked to resign as a result of the initial findings.

A very interesting rehearsal of the facts is given by Editor Brownell in a recent issue of Brownell's Dairy Farmer. August 31 the first notice was received by the Michigan State Livestock Sanitary Commission, from a local veterinarian at Niles, Mich., stating that in that locality there were a number of cases of a disease which might possibly be foot-and-mouth disease, and requesting the co-operation of the Sanitary Commission. Dr. Dunphy, State Veterinarian, started at once for Niles, reaching there the evening of Sept. 1. The next day, in company with two local veterinarians, he inspected the cases but was unable to determine whether the disease was foot-and-mouth disease or stomatitis. He, therefore, got into long-distance communication with the Detroit officer of the Federal Bureau of Animal Industry. The acting chief started at once, and another inspection was made September 2. This official gave it as his opinion that the disease was not foot-and-mouth disease. Dr. Dunphy, however, was not convinced, and the official accordingly took specimens of the diseased tissue, and sent them to the Pathological Department of the Bureau of Animal Industry at Washington for analysis, stating his own opinions in regard to the nature of the disease. On September 12, came the unqualified announcement from the Pathological Department that the disease was not foot-and-mouth disease, but mycopic stomatitis, a non-infectious disease. This would naturally be supposed to settle the matter, but Dr. Dunphy was not yet convinced. Therefore, after a delay of nearly four weeks due to an inquiry in an automobile accident, Dr. Dunphy made another trip to Niles, in company with Dr. E. T. Hallman, pathologist at Michigan Agricultural College, and secured diseased tissues from another herd—the third to be infected. Returning to the college, experiments were conducted with a calf, which soon became infected with the disease, in spite of the fact that the official diagnosis showed a non-infectious disease. This discovery was made October 1st, and the Detroit office was immediately notified by long-distance telephone. These people at once notified the Pathological Department at Washington, and in a few days Dr. Eichorn was sent to Niles. He at once pronotified by long-distance telephone. disease and proved his diagnosis in the same way as had Dr. Dunphy. Although a local quarantine was declared in effect October 12th, the Chicago Stock Yards, which had been constantly receiving animals from the infected area, were not placed under quarantine until October 30th—two months after the disease was first reported. During these two months of indecision and inefficient effort, the disease gained a foothold which has only just been dislodged after nearly a year of tribulation and uncertainty. The entire live stock industry will watch with interest the efforts of the investigation to place the blame in the matter, for inefficiency cannot be tolerated in the conduct of affairs of such vital importance to so large a proportion of our population.

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## Judging Live Stock at Local Fairs

It too frequently happens that for reasons of economy, or otherwise the live stock judges at local fairs are not competent to do justice to the job. It takes a good man to place the ribbons intelligently on all breeds of dairy and beef cattle, and perhaps on the various breeds of sheep and swine as well, and no matter how broad may be his knowledge, with this program mapped out for him, he cannot take the time to do any part of it properly.

A man of only ordinary ability, or less, would be a complete failure, and this is the class that we too frequently find officiating at the smaller fairs. Showing is valuable to the exhibitor chiefly as a means of advertising, for he is fortunate if the premiums won much more than pay expenses. There is, however, or should be, at least, another important gain and that is the educational side. If the exhibitor knows more than the judge concerning the fine points of his animals, he gets more "experience," than "education" out of it, and the "experience" is not usually of a very satisfying nature. We do not know of anything much more disconcerting than the decisions of an incompetent judge. One year the judge may favor one type; another man the next year may have a leaning toward something entirely different. The educational factor, therefore, is often a minus quantity.

In some states a plan has been put into operation whereby a list of "certified" live stock judges is available to the fair managements. A place on this list is gained only through passing an examination and giving a satisfactory demonstration before competent authorities. Theoretically this plan is ideal, as it brings men of known ability within the reach of the small fairs. Practically, however, we are informed that the plan does not work out at all, because the fair managements do not avail themselves of the opportunity, but continue on in the same old way. Certainly there is plenty of room for improvement, and marked improvement there must be before our local fairs come very close to fulfilling their true mission.

**Get Your Copy in Early**

Some of you may have noticed that the World is growing larger—more than doubling its size of a year and a half ago. One direct result of this growth is an increase in the labor of getting it out, and while our facilities for handling it are constantly being augmented, it is a fact that we find it more and more difficult to get the paper out on time. We have from the beginning specified that material for publication should be in our hands by the Saturday before date of issue. This has meant a rush of copy reaching us on Saturday, Monday and Tuesday. It is natural to send anything of this sort just as late as the law allows. We hesitate to specify an earlier date for closing our forms, for we want to give our patrons the benefit of the latest possible date, so that they can get the full benefit of our weekly service. We will simply request, therefore, that you do not wait until the last minute before sending your copy, but that you let us have it as early as you conveniently can. A little co-operation along this line cannot fail to work to our mutual benefit.

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In this issue we publish an article giving some very interesting facts concerning the progress of the breed in New Zealand. We are sure many of our readers will be surprised to learn that in that distant country has been developed a senior 2-yr.-old whose record has been exceeded by but one heifer in her class in the world—a 2-yr-old with a record of 1007.21 lb. butter in a year. This is the highest record ever made on the island, regardless of breed or age. We are pleased to be able to submit a picture of this heifer, as well as the leading mature Holstein cow, Holland Queen, who produced 20,629.9 lb. milk, 944.72 lb. butter in a year. We have cut out a portion of the original article relating to the general cow testing association work (which by the way is making good progress) and detailed reports of the work done by the Jersey and Ayrshire breed associations. The leading Holstein 2-yr.-old record is 321.35 lb. ahead of the best Jersey of this age, and the Holstein 3-yr.-old record leads by a margin of 123.16 lb. butter. The leading Ayrshire record falls short 392.18 lb. of the champion Holstein 2-yr.-old. Thus it will be seen that the Black and White cow can make good in competition anywhere on earth.

# Suggestions for the Repression of Abortion, Sterility and Mammitis in Cows and of White Scours in Calves

By PROFESSOR W. L. WILLIAMS, N. Y. State Veterinary College

(Editor's Note:—The subject of Infectious Abortion and its kindred ailments is one of vital importance to every owner of cattle. The following article, reproduced from Circular No. 4, New York State Veterinary College, is by the one man of the entire veterinary profession best qualified to speak authoritatively on the subject, Prof. W. L. Wiliams of Cornell. In this article, Prof. Williams recognizes the limitations of his plan of action in every day practice, and treats the subject, not only as an investigator, but from the practical side as well. We commend it to the careful study of all our readers.)

Numerous inquiries reach us regarding abortion, sterility, mammitis (garget) of cows, and white scours of calves. The four maladies are at some points so closely associated that measures installed to prevent one may affect the behavior of one or more of the others. Each of these diseases has been largely investigated in recent years, but in no case has the study been at all completed. In a popular circular, data cannot be related nor authorities quoted, but merely general statements and conclusions given.

Breeders and dairymen in seeking advice regarding abortion frequently inquire whether in a given herd it is contagious, or whether it may be due to accident or to the food, such as ensilage. In all cases recorded, so far as we know, where the cow has been killed immediately after aborting and post immediately after aborting and post mortem examination made, the abortion was clearly due to contagion. No case of accident or food abortion in cattle, so far as we have seen recorded, has been proven by post mortem examination. Bad food and bad feeding may lower the resistance of the animal and render abortion from contagion more probable. Under these conditions we believe it prudent to regard all abortions in cattle, whether occurring singly or in groups, as contagious unless otherwise proven.

Abortion is most seen from the fifth to the seventh month. Occurring earlier it often escapes observation and is classed as sterility. Occurring after the seventh month it is frequently classed as premature birth.

So far as investigations by post mortem examinations have led, it appears that abortion in cows is at least practically, if not technically, always accompanied by the presence of the "exudate of contagious abortion," with abortion bacilli in the space between the uterus and the afterbirth.

The organism of contagious abortion has also been recognized in the milk, and we believe it may exist in the digestive tract, in the vagina, and elsewhere. So far has been shown by post mortem examination, the organism does not cause abortion when located elsewhere than in the uterus. Even the infection in the uterus does not always cause abortion. If very severe before breeding, it may prevent impregnation—may cause sterility. If less severe, it may cause abortion at any time during pregnancy, or the calf may be expelled alive and more or less diseased at a premature time. With extensive infection in the uterus, the cow may carry her calf full time and have retained afterbirth. Accordingly, abortion, premature birth, retained afterbirth and sterility are regarded by us as largely indentical, generally due to a common cause, the infection of contagious abortion. We must distinguish between an abortion (the death and expulsion of immature young) due to contagion and the infection of contagious abortion. The infection, the organism of abortion, may exist in the animal and may cause abortion, premature birth, retained afterbirth or sterility, or may cause no recognizable disease or loss but its presence may still act as a menace, and later become more active or may reach a more vulnerable spot (the cavity of the uterus) and then cause serious harm.

The prevalence of the infection of contagious abortion is variously estimated according to the symptoms accepted by the individual as indicative of its presence. If measured by observed actual abortions, large herds of more than 25 animals are but rarely free, if the observations are made to include three or four years. If we add to the abortions as equal evidences of the presence of the infection the premature births, retained afterbirths, and a large proportion of the cases of sterility, nearly all herds of as many as five cows exhibit annual proof of the presence of contagion.

Recently the abortion organism has been recognized in the milk, which further extends the known prevalence of the infection. The serum tests (agglutination and complement fixation), if accepted as authentic, indicate the infection is well nigh universal. We have seen these reactions in calves as young as thirteen days and in adults at the most advanced age available, in male and female, and under all conditions. We have not

found a herd in which the blood of some of the animals did not give a distinct reaction of 1-100 or upwards at a single test. By making repeated tests in the cattle of a given herd, we have eventually obtained a distinct reaction, if 1-100 is accepted as such, in almost every animal which has been bred. The conclusion is accordingly reached that, if we accept as authentic the diagnostic means above enumerated, the organism of contagious abortion is virtually universal, and the infection may and does exist in various organs other than the uterus. At one time the infection may be very virulent, causing great destruction. At other times it is mild, with little or no appreciable loss. Similar variations of intensity are observed in most contagious diseases.

The variations in intensity lead to the belief in one case that the infection has not been present or has died out or been cured in a herd. In other cases a sudden increase in intensity leads the owner to believe it has been introduced from another herd. Probably it is at times introduced, in the sense that a more virulent strain of the same species of organism has been brought in, which then causes greater losses.

The control of abortion must be based upon our knowledge or belief regarding the origin of the infection and the manner by which it reaches the uterus. Thus far the multiplication of the organism has been recognized as occurring naturally, at least chiefly in the uterus and that this is the essential source of supply for the infection. The new born calf may, and according to the agglutination test apparently does sometimes get the infection in its mother's milk. Possibly in some cases these bacilli in the milk of the cow play an important part in the white scours of calves. At a later date the infection, escaping from the uterus, may be transferred to the vulva of a neighboring cow, and thence to the uterus. The infection may be transferred by the bull.

As stated above, so far as we know, the infection must have entered the uterus in order to cause abortion, premature birth or retained placenta, and must have invaded the genital tract to cause sterility. In the control of these it is of primary importance to distinfect as far as possible the highly infected vagina and uterus, partly in order to restore the breeding powers of the individual and partly to minimize the amount of infectious material which may be discharged and endanger other cattle. At about thirty days after impregnation, the cervical canal (mouth of womb) becomes closed by a firm seal, leaving a sealed cavity between uterus and chorion (afterbirth). We believe that the infection enters the uterine cavity prior to impregnation and the formation of this seal. The infection may enter the uterus through the cervical canal (mouth of womb) weeks or months prior to breeding, at the time of breeding (transmission by bull) or after breeding up to the time of the formation of the seal. Most people believe that the infection may also enter the uterus from the vagina through the cervical canal after the uterine seal has formed, or from the digestive tract through the blood stream and the walls of the uterus.

Breeders and dairymen request help in a variety of ways. They ask most frequently for means to prevent abortion in an animal already pregnant, with the uterus sealed. (That is, they ask for means to check an outbreak of abortion already prevailing, and perhaps with abundant infection in the uterine cavity.) According to our view, this is impossible, because, so far as we know, no disinfectants in sufficient amount can be caused to enter the area where the abortion organism, which is doing the harm, is located.

We hold, however, that abortion may be largely avoided by preventing the


# $650 BUYS
# Dutchland Creamelle Sir Change
# 87 1-2 PER CENT

**THE SAME BLOOD AS DUTCHLAND CREAMELLE CHANGELING LAD WHICH WE RECENTLY SOLD FOR $5,000 TO DR. CHRISTOPHER GRAHAM OF ROCHESTER, MIMN.**

**His Sire: Dutchland Creamelle Korndyke Lad,** the bull that has the greatest **yearly backing** for milk and butter of any bull in service today—sired by **Dutchland Sir Pontiac Rag Apple**—the best bred son of **Pontiac Korndyke** from the **greatest producing** daughter of **Hengerveld De Kol** and on the dam's side **six** of **Dutchland Creamelle Korndyke Lad's dams** now hold or have held **World's records** in their respective classes.
**His Dam: Dutchland Colantha Lady Change—individually** one of the **finest** daughters of **Colantha Johanna Lad** (the only bull living having **10** daughters that average **30 lb.** of butter from **600 lb.** of milk). **Dutchland Colantha Lady Change** made with last calving as a four-year-old, **27.38 lb. of** butter from **498.6 lb.** of milk in the 7 days and **111.78 lb.** of butter from **2170 lb.** of milk in the 30 days. From this you will observe that she carried over **4 per cent** fat for the entire 30 days and as she had no special preparation for test, we have every reason to believe that this heifer will materially increase her record for several years to come and that eventually she will be one of the very **largest** record daughters of **Colantha Johanna Lad. Her dam was a 27-lb.** daughter of **First Change** which was a full sister to **Ready Change,** and one of the best daughters of **Changeling** and **Pontiac Butter Boy.**

**DUTCHLAND CREAMELLE SIR CHANGE** was born in December 1914—is **especially well grown** and a **faultless individual.** He has a good top line, splendid depth of body, with **unusual** vein development and is one of the **best handlers** of our entire crop of bull calves. He is four-fifths or more white and has a combination of blood lines of the **Colantha** and **Changeling** families that has already proven itself not only in the dam of this bull we are offering but in **Dutchland Changeling Colantha Lad,** who made the **world's record** as a three-year-old—which leads us to believe that this blood in connection with another cross of **Colantha Johanna Lad** and **the great Creamelle family** should prove one of the best combinations we have ever offered.

Do you realize that the purchase of this bull would place in your herd the blood lines of **Pontiac Korndyke, Hengerveld De Kol, Colantha Johanna Lad** (a double cross), **Sadie Vale, Pietertje Hengerveld's Count De Kol** and the great **Creamelle** and **Changeling families?** THESE ARE THE FAMILIES THAT HAVE BROUGHT SUCCESS TO OUR MOST PROSPEROUS BREEDERS AND YOUR FUTURE SUCCESS AS A BREEDER DEPENDS LARGELY UPON THE BULL YOU SELECT. Write or wire us at once to reserve this bull for you as he will doubtless be sold in the near future.

## FRED F. FIELD HOLSTEIN CO.
## Dutchland Farms

**Montello Sta.** **Brockton, Mass**

infection from entering the uterus, before impregnation and the formation of the seal. If a clean cow has been served by a clean bull, and the uterus becomes sealed while its cavity is yet clean, we believe, and have fortified the belief by extended practice, that the calf will be carried to full term and there will not be retained afterbirth. If the uterine cavity is infected when the cow is served, sterility may result, or abortion, premature birth or retained afterbirth occur, and no known treatment will materially affect the result.

Under the belief that disinfectants may be caused to enter the sealed uterine cavity and destroy the bacilli multiplying there, or under various other theories, numerous drugs have been alleged to prevent abortion in animals already pregnant.

Carbolic acid, given hypodermically or by the mouth, has been alleged to prevent abortion. It has been thus used for fifty years, and the fact that it has not come into general use is good evidence of its inability to cure. No convincing evidence of its material value has been recorded, and there appears to us no good reason for believing that it could accomplish any valuable result.

More recently methylene blue has been highly recommended, but have apparently fallen into comparative disuse after an extremely brief period. So far as we can see, there is little reason to hope fo success by this plan. In our experiments with these, we had an excessively high abortion rate, for higher than when we deliberately tried to cause abortion experimentally. We

Abortion bacterins or vaccines have been recommended, but have apparently fallen into comparative disuse after an extremely brief period. So far as we can see, there is little reason to hope for success by this plan. In our experiments with these, we had an excessively high abortion rate, far higher than when we deliberately tried to cause abortion experimentally. We have watched their use in several herds, and have failed to see any evidence of their value.

It is freqeuntly advised that, in the control of abortion, isolation be applied. As already stated, we consider the organism which causes the disease to be essentially universal, though in a given herd or individual it may be present in small volume or of low virulence and be causing no visible harm. It cannot, in our judgment, lessen abortion in a herd to remove the aborters and leave in the stable those which have, because of the same infection in the uterus, equal or greater in intensity or volume, suffered from premature birth, from retained afterbirth or from sterility. Neither can we see that a cow showing sterility, abortion, premature birth or retained afterbirth as a result of the presence in the uterus of the organism of abortion is fundamentally more dangerous in a stable than a cow having the same organism but not suffering in any of the ways mentioned. We accordingly cannot consider the isolation of aborters as an efficient or valuable remedy in the control of the disease. This is not advising against the isolation of aborters. If a cow has aborted or has retained placenta accompanied or followed by discharges from the vulva, she should not be allowed in a dairy stable supposed to be conducted with decency. But this does not apply to abortion alone.

At the present we have no remedy to recommend to breeders and dairymen for preventing abortion in cattle already pregnant. We know of no means by which we can completely or permanently eliminate from a herd the infection or the organism of abortion. In non-pregnant heifers and cows, by a comprehensive plan of disinfection, or what we may term sexual hygiene, we can very greatly and quite satisfactorily reduce the amount of abortion, premature birth, retained afterbirth and sterility.

Fundamentally, our plan involves a basic change in the attitude of breeders and dairymen. Each herd and each


# THE MOST IMPORTANT EVENT

that has occurred in connection with the Holstein Industry of America for many years, is the very thing that you are reading about. It has been talked about within the "inner circles" for several months. **NOW**, on this **FIRST day of SEPTEMBER, 1915**, it becomes a **FACT**.

## HOLSTEIN—FRIESIAN—ARISTOCRACY

That's it. It contains the TABULATED pedigree (4 generation) of EVERY THIRTY-POUND COW, living or dead, as shown by the last Official Blue Book. It contains more than SIX HUNDRED photographic representations of the BEST HOLSTEIN CATTLE in the WORLD. It contains photographic reproductions of the Century Sires; the CHAMPIONS in ALL divisions, and the name and record of EVERY 30-lb. cow that has made a record during the last year. It is the most beautiful, and VALUABLE work ever undertaken in the interests of the Black and Whites. It SHOWS you HOW the 30-lb. cows have been produced. It SHOWS you the TYPE of the BEST specimens of the breed. In YOUR hands, it will help you to breed BETTER cattle, do BETTER work, and forge to the FRONT as a breeder. It's a great big beautiful book, of more than 250 pages, size 12 by 18 inches, bound beautifully, and printed on 80-lb. China Enamel paper. To secure the information that Holstein Friesian Aristocracy contains, would cost you FIVE HUNDRED Dollars. A copy of this beautiful Portfolio costs you $5.00. The first edition is NOW MORE than HALF sold. A money order, or your check for $5.00 will bring you a copy NOW. If it isn't JUST as represented, you may return it in 5 days, and your money will be cheerfully refunded. There will come a time (mark well the prophesy) when breeders will be BIDDING a BIG PREMIUM for this work, and CAN'T get it. Send for your copy TO-DAY. Look it over, and see if we haven't told you the EXACT TRUTH about it.

## THE HARRINGTON PUBLISHING CO.

**MAIN STREET** **ALEXANDER, N. Y.**

## New Berlin Breeders

**RIVERVIEW STOCK FARM**

Pure bred Holstein-Friesian sires in service. King Pontiac Hengerveld No. 53297. Sir Korndyke Pontiac Artis 13th, 102050. A few young bulls for sale from A. R. O. dams. Good color and good individuality. Price right.

T. A. Page & Son,
West Edmeston, N. Y.

**COLUMBUS VALLEY STOCK FARM**

The home of Locus Butter Boy Pontiac from a 27-lb. granddaughter of De Kol 2d's Butter Boy 3d. Sire, son of Hengerveld De Kol. Bull calves for sale from granddaughters of King of the Pontiacs.

W. B. GATES
New Berlin, N. Y.

Herd Sire—KING CORNUCOPIA NETHERLAND No. 121633. Backed by such noted sires as King Segis, Hengerveld De Kol, Aaggie Cornucopia Johanna Lad, Korndyke Queen De Kol's Prince and Paul Beets De Kol; also such great producing cows as Abby Hartog Clothilde (31.39 lb), Princess Segis (30.43 lb.) and Lily Cornucopia Netherland (24.00 lb. butter and nearly 100 lb. milk in one day). Four nearest dams average 27.50 lb.
Floyd C. Sholes Jay D. Sholes
New Berlin, N. Y.

**FULL VIEW STOCK FARM**

Twelve years experienced breeding of choice Holstein-Friesian cattle. Senior herd sire, Aaggie Grace Butter Boy 24339 best son of De Kol 2d's Butter Boy 3d. Junior herd sire, Pontiac Perseus 41666, one of the best bred sons of Hengerveld De Kol. Bull calves from the above breeding for sale.

WM. M. BACKUS New Berlin, N. Y.

MAPLE LAWN STOCK FARM has a few well bred cows for sale. They are bred to Brightview Sir Pietertje Segis, whose get are proving exceptional individuals. His sire is one of the best sons of King Segis, out of a one time world record daughter of Paul Beets De Kol. His dam is out of the same cow as Agatha Pontiac. A. R. O. 36.90 at 4 years, and has 28.82 A. R. O.. State wants.
Elmer Traver, New Berlin, N. Y.

**LOCUS STOCK FARM**

Fellow Breeders, Take Notice—A rare opportunity to obtain a herd bull. Grandson of Hengerveld De Kol out of granddaughter of De Kol 2d's Butter Boy 3d with good A. R. O. backing. Eighteen months out. Well marked. Write for photo, pedigree, etc.

C. L. BANKS & SON
New Berlin, N. Y.

## PROSPECT HILL STOCK FARM

Offers a son of

### Spring Farm Pontiac Vale No. 117203

—whose four nearest dams average over 35 lb., his sire being King Korndyke Sadie Vale, and his dam a 25-lb. daughter of Agatha Pontiac 36.90 lb. Dam of calf, Queen Pietertje Hengerveld Segis, 27.32 lb. Next dam a 27.22 lb. daughter of Sir Prescott De Kol Paul. Dam's sire is Pietertje Hengerveld Segis, the 33-lb. son of King Segis.

Born March 16, 1915. A splendid individual, more white than black. Other good ones from well bred A. R. O. dams.

Write for information, pedigrees and prices.

P. R. Bennett Milford, N. Y.


animal in the herd, must be regarded as having in its system somewhere the organism of abortion or being in imminent danger of becoming contaminated, and permanent general preventive measures must be applied as a rule of daily practice. The plan we recommend has been fairly and fully tested in large herds, and has extended over several years. It is in harmony with our present knowledge of abortion and the other phenomena associated with it, and is in full accord with modern ideas of the control of infectious diseases. We realize that most breeders or dairymen are unwilling to accept the recommendations with the involved labor and expense. To these we have no recommendations or suggestions to offer. But to the few who are willing to undertake the work as a permanent part of dairying and breeding we can confidently recommend the plan as reliable, efficient and economically profitable. In those herds where we have been able to induce owners to apply the method conscientiously, it has been highly satisfactory, reducing abortion, premature birth, retained afterbirth and sterility, and holding it to a very low amount.

We advise:

First. Care for the new-born calf in such a manner as to insure it against serious infection from abortion and other organisms and thus to guard its health and vigor. When the cow has reached her 270th day of pregnancy, or sooner if earlier calving seems probable, give her a thorough bath with warm water and soap, lathering the skin repeatedly until thoroughly clean. Rinse off the soap and water with a 2% solution of carbolic acid or cresol. Place the cow in a clean, disinfected stall. After the bathing, wash the tail, vulva, thighs and udder daily with a warm 1½% to 2% solution of bacterol, cresol, lysol, carbolic acid, or other similar disinfectant, and douche the vagina daily with a 0.25% Lugol's solution.

When the calf is born, rub it dry and disinfect the stump of the navel cord. Do not tie it. Do not touch the navel stump with the hands. Fill a goblet or glass to the brim with 1-1000 corrosive sublimate solution, and, having the calf held on its feet, push the goblet against the navel region so as to completely submerge the navel stump, and keep it submerged for fifteen minutes. (Corrosive sublimate tablets can be purchased of a size that one to one pint—1-1-000). Then dust the navel stump over heavily with a powder composed of equal parts of powdered alum and boric acid and repeat every thirty minutes until the navel stump is dry.

Before permitting the calf to suck,


## Cazenovia Breeders

**KORNDYKE PONTIAC AAGGIE, 64888**
**Heads Our Herd**

He was by a son of Pontiac Korndyke, and the 37-lb. former World's Champion, Pontiac Pet. His dam is the great 30-lb. cow, Aaggie Alban Shadeland.
Herd numbers forty head.

W. H. HUGHES
P. O. Webster Station, N. Y., (near Cazenovia). Railroad, Ballina, on the West Shore.

**163-ACRE ALFALFA-DAIRY FARM**

30 acres alfalfa
15 acres woodland
90-ft. stable—silo

Well watered. 3 miles from Cazenovia on State Road. Want to sell farm and herd of 28 pure-bred females.

D. D. BLOWERS
R. F. D., Cazenovia, N. Y.

**FOR SALE**

200 head of high grade Holstein cows and heifers, all ages. Young grade calves either sex.

R. D. Lee, Cazenovia, N. Y.

BY A 33.87-LB. SIRE—Dam, a 16.45-lb. 2½-yr-old, produced 452.2 lb. milk in 7 days. She was by Gordon Glen Pontiac, sire of the World's Champion 2-yr-old. and from a 22-lb. daughter of Johanna Rue 3d's Lad. This applies to a 6-mo-old bull calf we are offering at a bargain. Also, a bull calf by Lorenzo Pontiac Korndyke, a 31-lb. son of Pontiac Korndyke, out of A. R. O. dams. For complete information address Chas. S. Fairchild, Lorenzo Farm, Cazenovia, N. Y.

**MEADOWOOD FARMS**
Cazenovia, N. Y.

Herd Sire, King Segis Pontiac Acme No. 116467. He is one of the finest bred bulls of today. The combination of breeding which produced this bull is unexcelled in production by no other popular producing blood of the breed. His get is excellent.

W. G. Chard, Prop. A. L. Shepherd, Mgr.

**FOR SALE** Grandson of King Segis Pontiac Alcartra from a 22.64-lb. cow. The calf is a little more black than white but very straight and a good individual. Pedigree furnished on application. Price $50 for immediate sale.
JAY W. LEE Cazenovia, N. Y.

**SULPHUR SPRING FARM**

Ready for service—Yearling bull, ½ white. Dam, Inksper Lady de Haan, butter at 6 years, 30.44 in 7 days. Sire, King of the Pontiacs Small Hopes 90396. Son of Champion 2-yr-old of State of Washington. First and only three daughters to freshen average over 20 lb. in 7 days. Picture of sire and dam in July 17 World. For price and pedigree address

J. A. Fuggle, Cazenovia, N. Y.

FOR SALE—Farm of 108 acres, 10 acres in alfalfa, 30 more will raise alfalfa, 10 acres good for garden truck if wished. Buildings all newly repaired, new silo, barn 90 feet long, 30 stanchions, 5 horse stalls, 2 box stalls, 10-room house with running water in house and barn. The farm is well watered, never fails. This farm is 20 minutes drive from four villages. Wintered 30 head of cattle and 5 horses last winter and sold hay. Had 20 tons ensilage left. Now if it is a bargain you want in a farm, it will pay you well to come and see me. I also have 3 more farms to sell and they must be sold. Terms easy.

R. D. Lee, Cazenovia, N. Y.

**MAYOWOOD FARM HOLSTEINS.**

Six Holstein bull calves for sale, all from A. R. O. dams. Are from one to three months old, ranging from two-thirds black to nearly white. Fine individuals. Write for particulars.

MAYOWOOD FARM,
Rochester, Minnesota.

## Sherburne Breeders

Henry Lathrop & Sons—½ page ad.

NEWTON FARMS

The home of King Veeman De Kol No. 36819. 55 A. R. O. daughters. His six best daughters average 30 lb.. Bull calves for sale from A. R. O. dams. Send for pedigrees.

R. P. KUTSCHBACH & SON
Sherburne, N. Y.

BELLEMORE STOCK FARM

Herd headed by King Pontiac Hilldale, No. 114040, a son of King of the Pontiacs, from a 29.93-lb. dam. Cornucopia Pontiac Korndyke No. 87266, a son of Pontiac Korndyke, from a 33-lb. dam. For Sale—both females and males—all of prominent lines of breeding.

Edsall B. Reynolds, Prop.
Sherburne, N. Y.

In the Madison-Chenango Sale
5 choice heifers, under a year old, Dams have records of 16 to 22.5 lb. 2 are granddaughters of King of the Pontiacs; 3 by a 25.9-lb. son of the noted 32-lb. sire, Pledge Spofford Calamity Paul. Well grown—nicely marked—growing right into money. Remember the sale comes Sept. 1-2.

Briggs & Cummings
Sherburne, N. Y.

SHERBURNE SUBURBAN STOCK FARM

50 pure-bred Holsteins of quality
250 grades that cannot be surpassed.

Herd headed by son of King of the Pontiacs. We can supply anything you want in good cattle.

F. H. WILCOX Sherburne, N. Y.

WESTEND STOCK FARM

**Offers a Few Bull Calves**

Sired by King Pontiac Hilldale (sire, King of the Pontiacs; dam, Hilldale Lorie Korndyke, 29.93 lb. at 4 yrs) and from a R. O. dams. The calves are fine individuals. A credit to their backing. Choice for $125.

Bert J. Butts, Sherburne, N. Y.

HARRINGTON SISTERS

OFFER A BULL CALF—Born Dec. 20, 1914; more white than black; robust and active; fine individual. Sired by King Pontiac Hilldale (Sire, King of the Pontiacs, one of the geatest sires of the present day; dam, Hilldale Lorie Korndyke, 29.93 lb. at 4 yr.) Dam, Pietertje Clothilde Johanna De Kol 3d. A. R. O. 21.88 lb. 5.04 per cent at 3¾ yr. Sister to 25-lb. senior 2-yr-old. Write for pedigree and price.

M. T. Bryant, Mgr., Sherburne, N. Y.

MAPLEVIEW STOCK FARM

Offers two bull calves 9 and 10 months old with good A. R. O. records. Sire's dam made four world's records in 1910. Butter in 7 and 30 days, 35.38 and 145.11 lb. Milk in 1, 7 and 30 days, 125.8, 845.8, 3376.5 lb. Also a few good cows for sale.

W. B. Bullock, Sherburne, N. Y.

WESTSIDE STOCK FARM

Offers for sale a son of a 20.6-lb. jr. 2-yr-old, born Jan. 8, 1915; more white than black; fine individual. Sire, Korndyke Electa Pontiac Pet, son of the 37.68-lb. bull, Korndyke Pontiac Pet, and from a daughter of Earl Korndyke DeKol. Dam, Bessie Koningen Burke Korndyke; A. R. O. 20.67 lb. at 2 yr. 3 mo. She is sired by a son of a 27.93-lb. daughter of Prince Pietertje De Kol. Pedigree and price upon application to

John M. Howard, Sherburne, N. Y.

ONLY 2 GRANDSONS OF DE KOL

QUEEN LA POLKA 2d LEFT

Sired by sons of

Pontiac Korndyke

Clayton Sisson, Sherburne Stock Farm
Sherburne, N. Y.


or before drawing milk from the cow to feed to the calf, wash her vulva, tail, thighs and udder, and douche the vagina according to the plan recommended prior to birth. If milk is to be drawn, the milker should first disinfect his hands and use a sterilized pail. The first milk from each teat should be milked into a separate vessel and destroyed. Repeat the washing of the vulva, tail, thighs and udder immediately before each milking or allowing the calf to suck, and repeat the vaginal douches daily until all discharges from the vulva have ceased. This recommendation has a triple purpose.

(1) With reasonable cleanliness of calf stalls and prudence in feeding, it has proven, in extensive trials, virtually to eliminate white scours.

(2) Its application eliminates largely that very extensive and destructive group of cases of mammitis (garget) immediately following calving This infection of the udder is due chiefly to discharges coming from the uterus and oozing down the thighs, tail and udder. The infection thus reaches the orifices, chiefly of the hind teats, and, passing up the canal, establishes the mammitis. The recorded occurrence of abortion bacilli in the udder is probably to be explained in this manner.

(3) If we accept the evidence of the agglutination test, newborn calves in our investigation as young as thirteen days may become intensely infected with the abortion organism,obtained either from within the udder, in the milk, or from the discharges soiling the tail and udder externally. This precaution tends to prevent it, adds to the general vigor of the calf, and later to the power of the mature animal to resist disease.

Second. Do not unnecessarily delay the breeding of the heifer. The organism of abortion is probably generally present in the vaginae of heifers and cows. At each heat period the cervical canal (mouth of womb) dilates, which makes the passage of infection from the vagina into the uterus more probable than at other times. At the same time the uterus is more sensitive, and its cavity contains menstrual blood, thus favoring the extension of the infection into the uterus, and thence to oviducts and ovaries. The more frequently the heifer is in heat before bred, the less certain she is to conceive. The more frequently she must be bred before becoming impregnated, the more probably will she abort.

As soon as the heifer comes in heat and her regular heat periods can be located, commence douching the vagina with the 0.25% Lugol's solution daily for one or two days before, and continue for three days after heat, or


## Lacona Breeders

Hastings & Prescott—½-page ad.
Henry Stevens & Son—Back cover.

WHEAT HILL HERD

30 Holsteins of Quality. Herd headed by Pleasant Hill Pontiac Veeman Wayne. His 3 nearest dams and 3 100 per cent sisters to his dam average (for the six) 30.24 lb. He was by Sir Korndyke Pontiac Artis and from Queen Veeman Wayne (29.27 lb. at 4½ yr.), whose sire, Sir Veeman Hengerveld, now has seven 30-lb. daughters.

W. J. Snyder, Lacona, N. Y.

**Spring Farm King Pontiac 13th**

Heads our herd. He was by the best son of King of the Pontiacs, and from one of the best daughters of the best son of Hengerveld De Kol. He has better than a 31-lb. average for his two nearest dams. We have two daughters of the $15,000 bull, and several cows in calf to him. Also some bred to Spring Farm King Pontiac 6th. 30 head to select from.

Colvin & Deshane, Richland, N. Y.

A GOOD PROSPECT IN A BULL

Sire—By a strongly bred Woodcrest bull and from a 28-lb. daughter of Sir Woodcrest Korndyke Kate De Kol.

Dam—With a 25-months old record of 11.71 lb., by the 27-lb. sire, Lord Korndyke 2d, and from an 18-lb. 4-yr-old daughter of a 20-lb. cow. Both dam and grandam are among the most promising members of our herd. Here is a chance to get a good bull at a very reasonable price. He is more white than black, was born May 27, 1915, and is a dandy. Send for complete information. A. T. Blount, Pine Ridge Herd, Lacona, N. Y.

SETTLED THE BULL QUESTION ?

We offer one born July 10, 1914, ready for immediate service. ¾ white, a splendid individual, well grown.

Sire—Woodbine Pontiac Hengerveld, who was by a 31-lb. son of King of the Pontiacs, and from a 28-lb. 3-yr-old daughter of King Segis Pontiac. Showed at 12 fairs, winning 10 firsts and 2 seconds.

Dam—A 20-lb. cow that sold in public sale for $330. A sure 25-lb. cow. Will guarantee this bull to please or he may be returned at my expense.

Write for details.

LEON MORE Lacona, N. Y.

A PAIR OF CALVES

Bull and heifer, unrelated. Both born Apr. 1915—both light in color. Bull is by Albina Butter Boy, 29-lb. son of De Kol 2d's Butter Boy 3d, and Junior Champion at N. Y. State Fair. Heifer by Lord Korndyke 2d, whose 20 nearest tested dams average over 25 lb. Price for the pair, $125.00. A great chance for a beginner. Write for complete information. D. J. Hollis, Homestead Farm, Lacona, N. Y.

A Pontiac-Woodcrest Combination—Sire, by King Pontiac Artis (31-lb. son of King of the Pontiacs) and from a granddaughter of Prilly. Dam, a 19-lb. 4-yr-old that averaged over 60 lb. milk per day for 5 mo. Due this fall and slated for a big increase. Her dam is a 25-lb. cow with a good semi-official record, and her sire is Woodcrest Aaggie Jewel Son, a great sire from a former World's record dam. Here is a beautiful individual, born Nov. 5, 1914. Send for pedigree and complete information. Price is too low to publish. H. A. Prescott, Bellevue Herd, Lacona, N. Y.

LACONA HERD

Headed by Sir Pontiac Artis Veeman, No. 75089 who was by the 31-lb. sire, Sir Korndyke Pontiac Artis and from Florence Veeman Wayne, a 31-lb. daughter of Sir Veeman Hengerveld (7 30-lb. daughters)—a combination of proven worth.

40 head to choose from. Young cows and heifers in calf to Sir Pontiac Artis Veeman.

B. E. MEAD EST., Lacona, N. Y.

**Remember me as a Breeder**

but nothing for sale
at present

HOBART W. FAY, Mason, Mich.

## FOR SALE

A tried son of King of the Pontiacs, named Maple Ridge King Pontiac. This great Bull and his daughters show for themselves. We never owned a bull his epual and never expected to own another that will come up to him but to avoid inbreeding we must sell him. He has over 50 daughters already and more coming. Send for his pedigree. Price will not be one-half his value. We will also sell a few young cows and heifer calves.

C. H. Fitch & Sons,
Burlington Flats, N. Y.

## Greenview Stock Farm

HERD headed by King Pietertje Hartog Pontiac No. 105976; a son of King of the Pontiacs and Rouble Hartog De Kol Pietertje No. 69124. 691.24 lb. milk, 24.79 lb. butter in 7 days at nine years of age. Our junior herd bull, son of Rag Apple Korndyke 8th. Seven nearest dams average 29.86 lb. butter in 7 days. His two grandams, 37.56 lb.

O. L. IVES, Guilford, N. Y.

## Alfalfa Hay

FOR A. R. O. TESTS
PIONEER FARMS

E. K. Munro Camillus, N. Y.

UNEEDA KORNDYKE HERD
Holstein-Friesian Cattle.

Just a few sons of King Segis Pontiac Polkadot left. Going fast. Write quick if you want one.

F. J. BRISTOL & SONS COMPANY
Oakfield Wisconsin.

## WE ARE NOW OFFERING A YOUNG BULL

Sire—Sir Pontiac Roxie Korndyke; dam, a 27-lb. cow, half black and white, a good individual. Priced right to sell. We also have several other good young bulls to offer.

Write us your wants before buying.

PEACEFUL VALLEY FARM
OXFORD DEPOT, N. Y.

ON YOUR LAST CUTS DID THE ENGRAVER PAINT OFF THE HORNS OF THE BULL AND NOT KNOW IT?

If you have had trouble in getting good cuts of your Holsteins send them to me and tell me in cow language what you want to show and I will make the plates the way you want them for I have owned a few Holsteins myself.

C. F. TELLER, Pres.
ONONDAGA PHOTO-ENGRAVERS, Inc.
220 West Onondaga Street
Syracuse, N. Y.

We make cuts for the Holstein-Friesian World.

WATER IN THE STABLE A NECESSITY---

THE "BUCKLEY" Device for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

POUGHKEEPSIE FOUNDRY & MACHINE CO.
Poughkeepsie, N. Y.


a total of five to six days, renewing the douching each time at about 19 days after the previous heat. When ready to breed, douche the vagina daily for 21 days, or one heat interval, and apply the douche one hour prior to breeding. Continue the daily douching for another three weeks, when, if she appears to be safe in calf, the douching may be decreased to two or three times a week until time for calving approaches, when the care above outlined for the cow at that period should be applied.

When all discharges after calving have disappeared and the daily douching has been continued for at least two weeks, decrease to three times a week, though it would be profitable to continue the external washing of vulva, tail and udder daily in the interests of clean milk, as well as the health of the cow. When she comes in heat, douche daily as in the heifer, and breed under the same restrictions.

Great emphasis has recently been placed upon the hypothesis that healthy cows and heifers largely get abortion organism with their food. No means have been suggested by which the food may become contaminated with the abortion organism except through the discharges from the genital tracts of diseased cows. Hence the plan suggested covers this danger at its source.

When, in spite of these measures, abortion, sterility, retained afterbirths, etc., occur, each case should be handled separately by a competent veterinarian. In general, animals which have suffered from abortion, premature birth or retained afterbirth should be vigorously handled, and the uterus brought to a healthy state as promptly as possible. They then usually breed safely and carry their calves well. It is imprudent to sell such cows because they have aborted. They are just as safe to breed, if properly handled, as are other cows.

When sterility occurs, an expert veterinarian should be called early to examine per rectum the genital organs, ovaries, oviducts and uterus, and learn the character of the disease. If it is curable the necessary treatment should be applied; if incurable the animal should be sent to the butche.

When mamitis, or "garget," of the above described type occurs, each case should be handled by a competent veterinarian. The dairyman should always bear in mind the danger of this infection being transferred from the diseased quarter to the healthy quarters of the same cow, and to the healthy udders of other cows,through carelessness on the part of the milker. A diseased udder should be the last in the stable to be milked, and the diseased


## Thirteen Sales

this past spring have taken advantage of our STANDARD catalogues in presenting to buyers complete pedigrees of the animals offered.

A comprehensive system of filing records makes possible pedigrees containing pertinent information not obtainable elsewhere.

The charge for this service is reasonable and worth investigating today.

HARRINGTON & GEROW STANDARD Madison, Wis.

THE STANLEY ENGRAVING CO.,
Designers
Photo-Engravers Zinc Etchers

Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference, this paper. Satisfaction guaranteed.

Library Bldg., Tioga St., Ithaca, N. Y.

JOHANNA KING PONTIAC MERCEDES 145146

A great young bull, born March 1914. Four near dams average 31.33. His dam, Johanna Agnes, just made 25.69 lbs. from 579.2 lbs. milk, milking up to 90 lbs. best day. Now on semi-official. Let me send you photo, pedigree and price, you will be pleased.

C. P. BARKER
Barker Farm, . Chippewa Falls, Wis.

BOND CENTURY FARM
Canastota, N. Y.
Grandsons of King of the Pontiacs
From A. R. O. dams for sale.
Address
W. E. Bond, Potsdam, N. Y.
Or call at the farm, W. A. Hotchkiss, Manager.

FOR SALE
## Our Junior Herd Sire
ELI SIR PONTIAC

His dam has an A. R. O. record of 24.60 and sire's dam 31.28. He is ¾ white and a show bull ready for service. The first check for $250 gets him.

Neal Housiet, Oxford, Wis.

STRICKLAND FARM OFFERS

in New York State Breeders Sale at Syracuse, Sept. 3-4:
Seven Heifers, All Sisters
Sired by a great bull. All under two years old. Look them over at the sale.

S. M. Strickland, Carthage, N. Y.

FOR SALE—SEVEN YEARLINGS

Granddaughters of King of the Pontiacs bred to a son of King Lyons whose 7 nearest dams average over 31 lb. of butter in 7 days. $1,500 takes the seven.

Walter M. Buck, Warsaw, N. Y.

## The Asylum Herd
"WHERE THE CHAMPIONS COME FROM"

Offer Bull Calves sired by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland, or Admiral Walker Pietertje.
Do you want a Pontiac in your herd?

Pontiac State Hospital Pontiac, Mich.

SON OF A 23-LB. 3-YR-OLD

Dam's record—23.5 lb. butter, 572 lb. milk in seven days; 96.75 lb. butter, 2248 lb. milk in 30 days—best day's milk 87 lb. Her sire is a brother to De Kol Creamelle. Calf is sired by Matador Walker, a ¾ brother to a 33-lb. 4-yr-old.

Also a grandson and granddaughter of 44-lb. cow for sale.

THE BOYSON HERD
Rome, N. Y.

When in need of an Auctioneer

LET WHITE DO IT

Long experience with Holsteins and thorough training in Jones' Auctioneering School, Chicago.
Dates made anywhere.

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AUCTIONEER

Holstein cattle a specialty
Satisfied customers my best advertising
Please write for dates

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HOLSTEIN AUCTIONEER

To insure the success of your sale you need Kelley in the box.
For dates write

Col. B. V. KELLEY. Syracuse, N. Y.

A SUCCESSFUL HOLSTEIN SALE
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Satisfied patrons all over the country testify to the quality of my work. For dates and terms address

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Always on the Job—for RESULTS
In the box or in the ring.
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COL. J. E. MACK

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COL. D. L. PERRY

THE
HOLSTEIN AUCTIONEER
I also sell satisfaction.
COLUMBUS, OHIO.

A Bargain

Bull calf born March 7, 1915. Sire: King of the Black and Whites. Dam Lockhart Meta. Milk, 546.2 lb. Butter, 26.23 lb. in 7 days. Calf is nicely marked and well grown. Price $400. If interested write:

Lockhart Holstein Farm
EUGENE LA MUNION
Solsville, N. Y.

quarters milked last. The diseased milk should be drawn into a pail partly filled with a strong antiseptic solution and safely disposed of, and the udder, as well as the hands of the milker, carefully washed and disinfected.

It is essential, in carrying out any plan of sexual hygiene, to include the bull. His sheath and penis should receive the same care as the vagina and vulva of the cow. In general the sheath of the bull should be douched two or three times a week throughout the year when not in active use. At the time of breeding the part should be douched shortly before and immediately after each service.

The most practical method for carrying out the application of the douching of the vaginae of cows and the sheath of the bull and washing the vulva, tail, thighs and udder, from the standpoint of efficiency and economy, is as follows:

For the irrigation of the genital organs, and the tail, vulva, thighs and udder of cows, we recommend a gravity apparatus consisting of an ordinary galvanized pail of about six gallons capacity (for large herds), fitted with a stopcock. To this stopcock attach a pure gum horse stomach tube. Having filled the pail with the desired solution, elevate the apparatus to a sufficient height above the cow to secure gravity by pressure to cause the solution to flow freely. This is most conveniently accomplished by running the pail on a manure track constructed for the purpose. The end of the stomach tube is inserted into the vulva, vagina or uterus, as desired, and the solution allowed to flow into the parts by gravity. Any tinner can make the pail to order. The gum tube may be had of any dealer in veterinary instruments.

As the tube recommended for cows is too large to enter the sheath of the bull freely, this should be displaced by a pure gum horse catheter. As the catheter is too short to afford the desired gravity pressure, its length should be increased by the addition of a piece of ordinary rubber tubing of about the same size. The pail recommended for cows is unnecessarily large for bulls, and should be replaced by a vessel of one gallon capacity.

We submit the following estimate of the cost of this plan for herds of twenty or more cows:

Equipment, $10.00 to $20.00.

Material (disinfectants), $1.50 per cow per annum

Labor, $2 50 per cow per annum.

April 1, 1914.

KING COLANTHA CLOTHILDE 3d 98849

Heads our herd. His six nearest dams, including one 3-yr-old, average 30.58 lb. His sire, King Colantha Clothilde, was by Colantha Johanna Lad, the great son of the first 35-lb. cow, and from Abby Hartog Clothilde, the only 31-lb. cow having a 30-lb. 4-yr-old daughter that has a 30-lb. 3-yr-old daughter. The dam was from Mary Walker Pietertje (31.81 lb.), the only 31-lb. cow having a dam with 32.9 lb., and a daughter with over 31 lb. The dam's sire is Beauty Pietertje Butter King, son of Beauty Pietertje (30.51 lb.), who has a 30-lb. daughter with a 30-lb. daughter, and Clothilde Goudgeld Hugo, who has two 30-lb. daughters, each with a 30-lb. daughter and granddaughter.

We can offer sons of King Colantha Clothilde 3d, out of the following dams—Two are granddaughters of King of the Pontiacs; one a daughter of Korndyke Abbekerk; one a granddaughter of Admiral Walker Pietertje, and one a granddaughter of Beauty Pietertje Butter King. These calves are good individuals, and will be sold for reasonable prices.

Flock Brewing Co.
LOYALSOCK HERD
Williamsport, Pa.

A. R. O. TEST BOOKS

Do you have anything to show for the day by day production of your high record cows?
A business like book for keeping eighty official records in detail. Price 65c. book, 2 for $1.00.
If your cows are profit producers, it will show to best advantage on our heavy manilla daily record milk sheets.

Space for 15 cows.....50c per doz.
" " 20 " ..... " " "
" " 25 " .....60c " "
" " 30 " ..... " " "
" " 35 " .....75c " "
" " 40 " ..... " " "
" " 45 " ..... " " "

We pay Postage.

THE CORSE PRESS
Sandy Creek, N. Y.

# 41-lb. Breeding at a Very Low Price

The breeders who have placed at the head of their herds sons of King Korndyke Sadie Vale from daughters of Sir Veeman Hengerveld have had no cause to regret their action.

Who can tell what another year will bring forth?

This much, however, is a practical certainty—this combination will never be any lower in price than it is right now.

**Here is your opportunity,** if you want the best at a reasonable price. We offer King Korndyke Sadie Vale Boon No. 155156—born Oct. 21, 1914. He is sired by King Korndyke Sadie Vale, and his dam, with a 4-yr-old record of 18.96-lb. is a daughter of Sir Veeman Hengerveld. She has 100 per cent the same breeding as a 30-lb. 4-yr-old.

This young bull is a splendid individual. He is largely black in color, and on this account will be sold at a largely reduced price.

Write at once for extended pedigree and price, or come and see him and his famous sisters.

To delay may mean losing a bargain that you will find it hard to duplicate.

## W. D. ROBENS

**Pleasant Hill Herd**

**Poland** **New York**

# The Supreme Test I

## Another Junior 2-year-old Daughter of has just completed a 7-day Record of

Here is his entire li have free
K. K. S. V. Cora, 2 yr. 2 m .....
K. K. S. V. Kate Pontiac, 5 mo. ....
K. K. S. V. Florence Ve 2 yr. 0 mo
Daisy Veeman Sadie Vale 2 mo. ..
Average for the four yr. 2 mo.

KING KORN SADIE

No other sire that ever lived has two 26-lb. junior daught Sadie Vale was tested in very hot weather. Under favo weather the World's Record in her class.

No other sire that ever lived has ever approached owing f

No other sire, from the standpoint of breeding, c roach cow having a 38-lb. daughter, is herself a daughter of st 30-lb.

His sire, the only bull of the breed to have a 40-lb. daugh Kol 2d, the first 37-lb. cow.

His three nearest dams, and a daughter each of his and dam

Few other sires are having the opportunity that g give daughters that are coming on will bear comparison w get of ise and inherited transmitting power.

Approved cows will be accepted for service. Write terms.

**W. D. Robens**
**Pleasant Hill Herd**
**Poland, N. Y.**

**JOINT OWN**

# Test Is Achievement

## Daughter of King Korndyke Sadie Vale
## Record of 26.15 lb. Butter in 7 days

have freshened to date—

| | |
|---|---|
| 2 mo. | 26.62 |
| 5 mo. | 26.15 |
| 2 yr. 0 mo. | 22.29 |
| 2 mo. | 22.05 |
| yr. 2 mo. | 24.28 |

SADIE VALE

daughters. The second 26-lb. daughter of King Korndyke weather conditions we are confident she would have broken

owing for his first four daughters.

roach King Korndyke Sadie Vale. His dam, the only 41-lb. st 30-lb. cow, Sadie Vale Concordia.

l daughter, is a son of King Segis and Pontiac Clothilde De

and dam, average 37.54 lb.—an unapproached showing.

g given King Korndyke Sadie Vale. His young sons and get of any other sire—both with respect to individual prom-

erms.

**OWNERS**

**Quentin McAdam**
**Brothertown Farms**
**Utica, N. Y.**

# Brothertown Farms

HOME OF

**KING SEGIS DE KOL KORNDYKE, 56110**

The only sire of the breed having a 40-lb. 4-yr-old daughter. His 42 A. R. O. daughters include:

| | |
|---|---|
| Mable Segis Korndyke, 4 y | 40.32 |
| 30 days | 165.27 |
| Abbekerk Korndyke Segis | 30.42 |
| Pietertje Segis Korndyke, 4 y | 25.82 |
| King Segis DeKol Korn. Duchess, 3 y | 24.44 |

and a splendid lot of young daughters coming on.

Among his sons are King Korndyke Sadie Vale, our junior sire, who is making an unequalled showing for a sire of his age. He is a son of King Segis and Pontiac Clothilde De Kol 2d (37.21 lb. in 7 days —1271.6 lb. in a year) neither of whom need an introduction.

Our junior Sire, King Korndyke Sadie Vale, is described in the middle of these two pages.

## OUR CONSIGNMENT
TO THE
## MADISON-CHENANGO SALE
WILL INCLUDE
## FIFTEEN SPLENDID FEMALES
BRED TO
## KING KORNDYKE SADIE VALE

In the number will be three daughters of King Segis De Kol Korndyke and a daughter of the $15,000.00 44-lb. sire, Spring Farm Pontiac Cornucopia. In this consignment will also be two beautiful young sons of King Segis De Kol Korndyke and King Korndyke Sadie Vale.

This sale will afford an unequalled opportunity to secure the most prepotent blood lines of the breed.

Consider what the get of King Korndyke Sadie Vale are going to be worth in the future.

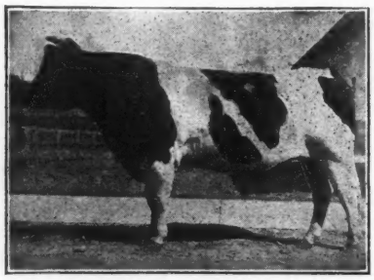
**QUENTIN McADAM, Prop.**
**UTICA, N. Y.**

# HOLLYWOOD FARM

**SIRE**

**King Palmyra Fayne 72099**

Brother to the sire of Finderne Holingen Fayne. His first 4 daughters to freshen average 20.52 lbs. butter in 7 days, as Jr. 2 yrs.



**DAM**

**Lilith Queen Pauline 110568**

7 days butter, 32.46; 30 days butter, 117.90; 365 da. butter 1077.21. Next to the highest record daughter of Lilith Pauline De Kol's Count 28430. Has twice made over 30 lbs. butter in 7 days.

**HOLLYWOOD LILITH PALMYRA 118678**

**Sons of Hollywood Lilith Palmyra now offered for sale.**

No. 1. Holloywood Lilith Veeman, born March 10, 1915. Both of his grandams are 32-lb. cows and his dam is a 20.9-lb. Junior two-year-old.

No. 2. Hollywood Vale Fayne Lilith, born March 24th, 1915. Out of Hollywood Vale Fayne 216692. Dam's A. R. O. 7 days butter 22.48 lbs., 30 days butter 91.8 lbs. at 2 years, 3 months.

Dam's A. R. O. 7 days butter 32.707 lbs., 30 days butter 111.6 lbs. Sire's dam's A. R. O. 7 days butter 30.51 lbs. 30 days butter 112.28 lbs. Soon ready for service.

Write for Pedigree and Photo.

## Hollywood Farm, Hollywood, Wash.

## R. F. D. 1, Box 1

# FOR SALE

Country Seat and Farm, eight miles from Philadelphia, 79 acres, mostly garden land, produced last year 100 bu. corn and 40 bu. wheat per acre. Gently rolling high elevation, young orchard of nearly 1000 trees, mansion house nearly new with 20 rooms, 3 baths, electric lights, steam heat, two new 9-room houses with baths for help; large barn, with stabling for 40 head; horse barn, chicken houses for 800 chickens. High land, healthy location, beautiful country. Just the place for a semi-retired farmer of means.

Can you appreciate:

1st. The advantages of nearby markets of a city of a million inhabitants?

2d. Fertile land nearly free from stone and producing big crops?

3d. Living in a section where winters are mild compared with winters of New York and New England, where farm work can be carried on every month in the year?

Farmers in this section are only beginning to realize the advantages of Holsteins over other breeds. Holstein milk that is so superior for invalids and children can be delivered direct to consumer.

If such a place interests you and a price of $50,000 for a place that has cost much more seems reasonable, address A. W. Gardiner, Three Tuns, Penna.

# HAS ANYTHING BETTER EVER BEEN OFFERED

In public sale than

The 15 cows and heifers to be sold in the Madison-Chenango Sale, all bred to King Korndyke Sadie Vale? His dam is alone in her class. She has a 41-lb. record and is dam of a 38-lb. daughter and daughter of the first 30-lb. cow. King Korndyke Sadie Vale's daughters are making the greatest beginning in A. R. O. work ever recorded for the daughters of any bull. (See the two middle pages in this issue).

Among the 15 bred to this bull are daughters of King Segis De Kol Korndyke and the $15,000.00 44-lb. bull, Spring Farm Pontiac Cornucopia. What will their next calves be worth?

Remember that in the same sale will be sold the 32½-lb. cow, Lottie Walker Spofford and a 27½-lb. daughter of a cow with a year's record of almost 30,000 lb. milk—the second largest ever made.

## THE MADISON-CHENANGO SALE
## NEW SALE PAVILION, EARLVILLE, N. Y.
## SEPT. 1 AND 2

## E. M. HASTINGS, Sale Manager
## LACONA, N. Y.

## Hamilton Breeders

**A. A. Hartshorn Holstein Co.—Inside front cover.**

**FOR SALE** Baroness Aaggie De Kol Beryl 111358 (7 yr. old) A. R. O. 395.5 lb. milk, 18.284 lb. fat. Bred Dec. 8, 1914, to Sir Witkop De Kol Korndyke, 111142 (a 31-lb. bull).

Just one of 35 head of all ages.

**J. GRANT MORSE**

**Laurel Farm** **Hamilton, N. Y.**

**BULL READY FOR SERVICE**

**Six nearest dams (3 above 30 lb.), averaged over 27 lb. A son of our herd sire, Beauty Pietertje Hamilton, the greatest transmitting blood of the breed.**

**Prilly, Walker, Korndyke, Clothilde Goudgeld Hugo.**

**Write for further information and our low price.**

**Dr. O. S. Langworthy, Hamilton, N. Y.**

## For Quick Sale

**A few choice young bull calves from a grandson of Hengerveld DeKol and from tested dams. Prices $50 to $75.**

**Chenango Farms, Hamilton, N. Y.**

**SUNNYSLOPE HERD**

**Offers two heifers bred to our 31-lb. sire Sir Witkop De Kol Korndyke No. 111142. This pair are show animals and have the right breeding. Price $500 F. O. B.**

**J. C. Morris, Hamilton, N. Y.**

**To The Highest Bidder**

Our consignment to the Madison-Chenango Breeders Sale, Sept. 1-2, 1915—Rose Rouble Hartog 127349—6 years old, with a 23.66-lb. 4-yr-old record and from a 24-lb. 4-yr-old dam; and her 3 daughters, one by the 32-lb. sire, Clarissa Pietertje Ponto; one by King of the Black and Whites, and one by the 30-lb. sire, Korndyke Pet. Also a son of this bull from the 32.52-lb. cow, Clarissa Clothilde Pietertje.

**Hartshorn & Babcock, Hamilton, N. Y.**

**DUTCH CORNER**

Now offers a few bull calves sired by **Judge Lyons**, a bull whose 7 nearest dams average over 32 lb. butter and out of A. R. O. dams sired by **Segis Lyons**, the greatest bred bull in transmitting powers of his dams. They have produced fourteen 25-lb. daughters who average over 30-lb. each. Write for photo and pedigree.

**John J. Wairath, East Springfield, N. Y.**

**THE SONS OF PONTIAC KORNDYKE**

Are proving to be the greatest sires of the breed. They are now practically out of the market.

**Here is a splendid line-bred grandson.**

**Sire**—Prince Rag Apple Korndyke, who was by Pontiac Korndyke, and from one of the best daughters of Dutchland Sir Pontiac Rag Apple, another son of Pontiac Korndyke.

**Dam**—Achsa Korndyke (23.72 lb. butter, 553.5 lb. milk)—a daughter of Earl Korndyke De Kol, the famous brother to Pontiac Korndyke, both being from Belle Korndyke.

This calf was born Jan. 27, 1915, and is a beauty; certain to prove a winner.

Write for low price and full description.

**WHITMAN A. FOLLETT,**
**Chenango Valley Stock Farm**
**North Norwich, N. Y.**

**Holstein-Friesian Breeders' Association of Chester Co.**

Bulls from cows that are actual producers in the dairy carrying the best blood of the breed. Write your wants to

**Philip M. Hicks, Secretary,**
**Avondale, Pa.**

# WALCOWIS FARMS

**HERD SIRE**

**CORNUCOPIA PONTIAC JOHANNA LAD**

4 A .R. O. daughters with records of 27.70 and 101½ lbs. milk per day, 23.31 at 3 yrs., 23.01 at 4 yrs, and 14.74 at 2 yrs. Full brother to K. P. Manor Kate, world's yearly record senior 2 yr. old, 1023.41 butter and 22,106 lbs. milk. Sire—King of the Pontiacs 158 A. R. O. daughters; Dam—Manor De Kol Kate 2d. 24.95 butter and 609 lbs. milk 7 days. One of the best daughters of Aaggie Cornucopia Johanna Lad, 99 A. R. O. daughters.

Sons of the above bull, Iowana Sir Ollie whose dam and sire's dam average 33.03 and Buffalo Forty Beets, first prize 2 yr. old at National Daiy Show and Waterloo Cattle Congress. Splendid individuals, well grown and tuberculin tested. Prices cut to move them. Write for pedigrees and photos.

**NATHAN DICKINSON & SON**

**LAKE GENEVA, WIS.**

**WANTED**

Position as herdsman or farm manager by young married man, no children. Experienced in general farming, handling men, breeding, feeding, calf-raising and A. R. O. work. Sober, conscientious and capable; A1 reference.

Box 263, Barrington, Ill.

**WANTED** 100 head of high-grade Holstein cows due to freshen in fall. Send description and price in first letter to

**C. M. BOTTEMA,**
**ROUTE 33, INDIANAPOLIS, IND.**

**TWIN BROOK HERD**

**OFFERS**

**TWIN BROOK VEEMAN KING**

No. 144469 born August 28, 1914, more black than white. Sire—King Korndyke Reba Veeman, No. 116541, whose three nearest dams average 35.27 lbs. of butter in 7 days. Dam—Twin Brook Segis DeKol No. 138919, one of the good A. R. O daughters of King Segis, Jr., No. 45001.

Write for price and pedigree.

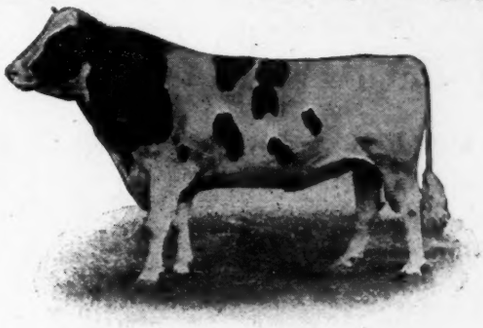
**W. B. DEVANEY, BERWYN, PA.**

# VANDERKAMP FARMS

**Senior Herd Sire, - - - Judge Segis, H. F. H. B. No. 80912**

**SIRE**

KING SEGIS
No. 36168
85 A. R. O Daughters
65 Sons With
561 Daughters
4 Present World's
Record Holders



**DAM**

GYPSY HENGERVELD
No. 104455
Butter 3 yr. 29.24
Butter 30 days 119.00
Sire is
JUDGE HENGERVELD DE KOL
Son of Heng. De Kol

His first 8 daughters average 17 lbs. at 2 yr. 2 mo.

We have the following sons of Judge Segis for sale:

**VANDERKAMP SEGIS SARCASTIC LAD**—Born Feb. 6, 1915, Dam, Brookdale Pietje Inka, A. R. O. 27.54 lbs. Three own sisters over 20 lb. Her ½ sister in our herd made 34.54 lb. at 4 yr.

**VANDERKAMP SEGIS HENGERVELD**—Born April 8, 1915. Dam, Brookdale Pietje Teresa, A. R. O. 28.08 lbs. Her dam 17.92 lb. Her dam 18.18 lb.

**VANDERKAMP SEGIS PAUL DE KOL**—Born December 5, 1914. Dam, Maple Grove Cristy De Kol A. R. O. 27.93 lb. at 4 yr. Her ½ sister made over 37 lbs. This bull has own sister over 20 lbs. at 2 yr 2 mo.

**VANDERKAMP SEGIS COUNT DE KOL**—Born May 29, 1915. Dam, Clara Countess De Kol, A. R. O. 23.51 lbs. at 4 yr. She has a daughter who is own sister to this bull with over 17 lb. at 2 yr. 2 mo.

We have sold three bulls within the last two weeks and these will go quickly so if you are in need of a great herd sire now is your opportunity to get one.

Write us for particulars

**F. C. SOULE & SONS - - SYRACUSE, N. Y.**

## Some Want Quantity, Others Want Quality

You get both in King Pontiac Segis Veeman, born Feb. 25, 1914. The records of his dam, sire's dam and grandam average as follows:

| | | |
|---|---|---|
| 7 days | butter | 31.85 lb. |
| 30 " | " | 129.29 " |
| 365 " | " | 1034.95 " |
| 365 " | Milk | 21151.90 " |

with each of them averaging right up to 4% fat for the entire year. His dam a 29-lb. daughter of the great Sir Veeman Hengerveld, 7 30-lb. daughters, and a lot more coming. Sire, King Segis Pontiac Count, a son of the highest yearly record daughter of King of the Pontiacs. A great combination of blood lines, good individual. Send for chart pedigree and price

**ARDEN FARMS INC. W. J. YOUNG Mgr.**
**Merriam Park Sta. St. Paul Minn.**

# King Pontiac Konigen

## 75348

**HIS SIRE**

King of the Pontiacs
165 A. R. O. Daughters; 10 with records from 30 to 44 lb.

**HIS DAM**

Diona Koningen Pietertje
Butter 7 days 37.45 lb.
Butter 30 days, 154.39 lb.
Milk 1 day 103 lb.

The Bull we purchased in the Feb. 16-17 Sale at Syracuse, but owing to the embargo we were unable to ship him to Ohio until July 15, 1915, but what we lost in his service we more than gained in individuality, for during his short period of rest he has developed into one of the best bulls anyone ever saw. He now weighs 2300 lb.

He is the highest record son of King of the Pontiacs in the World for both 7 and 30 days, also the highest priced son of his peerless dad. His dam sold in the E. H. Dollar Sale for $6500, which puts this great young bull in a class by himself.

# INWOOD HERD

## Ed. Kuntzman, Homeworth, Ohio.

N. B. We will accept a limited number of approved cows for service to this great bull. Write for terms.

## The Coast Shows the Way

THE

# 1ST ANNUAL SALE

OF

**THE MONROE COMPANY, Spokane, Wash.**

**SEPT. 17 (during the Inter-State Fair)**

**100 HOLSTEINS OF THE WINNING KIND 100**

Cattle from the herds of Twin Lakes Farms, Tacoma; H. C. Davis, Granger; E. B. Marks and Geo. A. Gue, North Yakima, Wash.

A. R. O. cows—with records up to over 28 lb.

Daughters of A. R. O. cows—with records up to over 29 lb.

Nearly half of the females in the sale are either A. R. O. cows or out of A. R. O. dams.

Young cows and heifers bred to the greatest sires on the coast.

BULLS

Judge if these are good enough—

A son of "World's Champion Bessie," by a son of a 32.89-lb. cow. Here is nearly a 34-lb. average.

A full brother of "Bessie;" one out of a 29-lb. 3-yr.-old full sister, sired by her son; and others of distinguished quality.

Come to the sale—it will be an object lesson in Holstein values.

For catalog address:

**GEO. A. GUE, Sale Manager**
**North Yakima, Wash.**

---

A SIRE OF EXCEPTIONAL PROMISE

## KING LYONS 71155

NOW AT THE HEAD OF THE MOYERDALE HERD

Four years and a half old; 17 daughters in advanced registry, six of them with 20-lb. records with first calf at 4 years of age, the only sire of the breed that has this record. King is grandson of Colantha's 4th Johanna 35.22 and his dam a 29-lb. daughter of King Segis; his second and third dams are each 34-lb. cows.

DO YOU WANT A BULL SIRED BY KING LYONS?

We are offering a few fine ones out of cows of the highest breeding and whose records range from 14 lbs. at two years old to 30 lb. cows.

**Hawthorne Farms Company, Barrington, Illinois.**

---

## RUSTLE HERD

We need their room and offer two bull calves at a bargain.

Born in May and June, 1915—60 per cent and 99 per cent white. Their dams are A. R. O. three-year-old daughters of A. R. O. cows.

Their sire is our 31.5-lb. Korndyke bull whose 12 nearest dams all have A. R. O. records above 20 pounds and average 25.60 lbs. Their four nearest dams including one 3 and one 4-year-old average 25.98 and 26.40 lbs. Price $100 each.

**O. L. PRINDLE, WEST VIEW, OHIO**

---

# HIGHLAND STOCK FARM

**REPRESENTED AT THE**

## Watertown Sale, Sept. 10

We are consigning to the sale to be held at Watertown, N. Y., Sept. 10, some of the best cattle ever offered to the public in Northern New York, individuality and breeding considered.

Among the offerings are two three-year-old granddaughters of Pontiac Korndyke and Korndyke Queen De Kol's Prince, both with records between 21 and 21.50 lb. as junior three-year-olds, due to freshen in December. We also offer three daughters of Aaron Cornucopia; one with a 21.5 lb. junior three-year-old record. All are heavy in calf to our herd sire, Duke Pietertje Pontiac Korndyke, a show bull sired by Pontiac Korndyke.

Attend this sale and inspect our consignment.

**H. D. WELLER & SON**
**Lowville, N. Y.**

---

## CLORINDA BULLS AT SUMMER PRICES

Lack of pasture and stabling accommodations necessitate our offering a number of particularly well bred young bulls at especially attractive figures. Sired by

**KING SEGIS PONTIAC CLORINDA**

of the famous KING SEGIS-KING OF THE PONTIACS combination that produced the breed's highest priced bull. All are from young A. R. O. dams and grandams; and all are handsome, well marked individuals.

**YOUR OPPORTUNITY**

to secure a grandson, on the dam's side, of such famous sires as:

**Mutual Pietertje Paul,**
**King Pontiac Calypso,**
**Sir Pontiac King Segis**
**and King Segis himself**

**At from $125 to $250 and up.**

One yearling Show Bull left—guaranteed quick and sure. Write your wants—will send you chart, photo and full particulars by return mail.

Also one 7 months son of our

**Pietertje Paul Elsje**

the strongest De Kol 2d bull in service left. Grandam and sire's dam are A. R. O. daughters of KING FAYNE SEGIS. $200.

**AURAY FARMS**

**F. M. Avery I. M. Avery, Mgr.**
**SPARTA, Sussex Co., N. J.**

---

FOR SALE—A son of King of the Black and Whites. Born March 26, 1915. His dam, 28.02 lb. 5 yr. old, milking 92 lb. per day in her 4-yr.-old form. Her dam, 29.58 lb. cow, sister to two 30-lb. cows. The first 4 dams of this calf average 30.26 lb. He is 3-5 white; beautifully marked; a show calf. Come and see him and his dam, or address

MADISON LAKE STOCK FARMS
John L. Phelps, Solsville, N. Y.

---

## ROSE HALL HERD—60 Head

**All ages; headed by King Tobe De Kol No. 101309; full brother to Lady Tobe De Kol, world's record senior 3-yr-old. 7 days, 36.59 lb. butter and over 90 lb. milk in a day. Butter, 30 days, 141.50 lb. His dam; Christmas Tobe 2d. 7 days, 31.66 lb. 30 days, 129.46 lb. and over 80 lb. (4.44 per cent) of milk a day at 10 yr. old. World's record at time of making and still the second largest for age.**

**I offer choice cows, heifers, heifer calves, as well as fine bull calves.**

**GEO. J. HALL**
**North Olmstead, O.**

**Holstein—Friesian—Aristocracy.**

We are pleased to call the attention of our readers to the announcement which appears this week in our columns, of the Harrington Publishing Co., and to the excellent work that they have published, entitled "Holstein Friesian Aristocracy."

Clearly this is a work that has been sorely needed by the breeders of the "Black and Whites," and as we have studied the centents as set forth in the announcement of the publishers we believe the work will be much appreciated by every progressive Holstein breeder in the country.

To have the tabulated pedigree of every thirty pound cow living or dead, as shown by the last official Blue Book, at one's command is something that will appeal to every student of blood lines. When we add to this important feature, the fact that the book contains photographic reproductions of SIX HUNDRED of America's best Holsteins; a History of the Breed, and the Champions in all divisions, surely here is a fund of information, that will be welcomed by breeders generally, and particularly those who have an ambition to KNOW what blood lines have produced the 30-lb. cows, and HOW the great sires ACTUALLY LOOK.

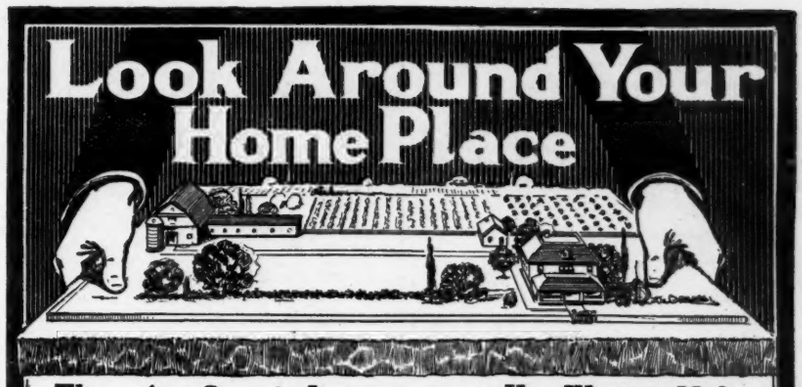
We trust that our readers will carefully read what the publishers have to say about this splendid work, because, as before stated, it is evidently something of importance to the Holstein industry in general, and to every breeder in particular.

## EUROPE MISSES ITS AMERICAN LUMBER

**The War Curtails Shipments of Yellow Pine and Other Much Used Woods.**

Prior to the outbreak of the European war many billion feet of American lumber were consumed annually in England, France, Germany, Belgium and Italy. For southern yellow pine, particularly, there was an enormous and insistent demand, as that wood is even more popular for general construction uses in foreign countries than it is in America, where it supplies more than 36 per cent of all the lumber consumed. The European trade in American lumber was worth millions of dollars to this country, but since fighting has become the principal business abroad the traffic has been woefully curtailed.

American lumber costs more at all times in Europe than do many other structural woods, but its superior qualities have made it the popular choice for many purposes. Southern yellow pine is universally recognized as the best material for creosoted wood paving and flooring, and the same wood, worked into building lumber and timbers, is preferred to any other for farm buildings and heavy construction. Im-


**There Are Certain Improvements You Want to Make**

Make them this season and you'll save money for yourself. You'll never find a better time to buy lumber—your home dealer is stocked with particularly fine grades, and prices are more attractive than they have been in years.

There's a reason; The European war has cut off the exportation of millions of feet of American lumber that Europe used, and most of that lumber was of choice quality. Don't wait until the war is over, for Europe will demand every foot of America's surplus stock for rebuilding.

The dealer in your home town is supplied with

**SOUTHERN YELLOW PINE**

*"The Wood of Service"*

Ask him about it. Here's what the United States Government, in Agricultural Department Bulletin No. 99 says about Southern Yellow Pine:

*Heavy, hard, very strong; tough; grain fine, even, straight; durable in contact with the soil. It may be had in long pieces, free from serious defects, and possesses great strength and stiffness.*

Doesn't that description fit the wood you want to use? And the price—ask your dealer, and you'll find that no other lumber of anything like the good quality can be bought for so little.

If we can help you with up-to-date house and barn plans, silo advice, or other building information, FREE, fill out and mail TODAY the attached coupon.

**Southern Pine Association**
**New Orleans**

SOUTHERN PINE ASSOCIATION
625-J Interstate Bank Building
New Orleans, La.
Send me FREE Your
Barn and Bin Plans ☐
Silo Book ☐
House Plans ☐
Book of Lumber Tests ☐

Name _____
Town _____
R. F. D. _____ State _____

**NORTH STAR HERD**

Home of SIR BEETS CORNUCOPIA NETHERLAND 38460
JOHANNA BONHEUR CHAMPION 94984

All our milking females are carried in semi-official yearly test under normal conditions.
Our show ring records have never been duplicated.

INDIVIDUALITY PRODUCTION BREEDING

We have for sale a few bull calves representing this combination. They are winners by right of inheritance.
Inspection is welcomed

**W. S. MOSCRIP, Lake Elmo, Minn.**

The bull advertised has been sold to the Orrville Risinghurst Holstein Co., of Orrville, O., for $6000. We now offer a son of Aaggie Beauty of Lindenwood, the 30-lb. ¾ jr. 4-yr.-old sister of Lindenwood Hope, sired by Risinghurst Johanna Ormsby De Kol, son of the famous Lindenwood Hope. This youngster combines in the closest degree the greatest butter-fat-producing blood lines of the breed.

Write for price and pedigree.

**G. W. RISING, FAYETTE, O**

## New Woodstock Breeders

**SIR URMAGEL BURKE**

Heads our herd. He is by De Kol Hengerveld Burke. His dam, Urmagelsche 2d A has 31.24 lb. and has two 30-lb. daughters, one having 35 lb. Herd numbers 60 head. Address:

**F. L. FREEBORN**
New Woodstock, N. Y.

**PLEASANT VIEW STOCK FARM**

King Segis Korndyke Clothilde No. 83807 heads our herd. His dam a 27.16-lb. cow and grandam Hilldale Segis, is a 33.17-lb. daughter of King Segis. Address

Irving H. Lee, New Woodstock, N. Y.

**GRANDSON OF KING OF THE PONTIACS**

From an A. R. O. dam for sale. A fine youngster. Come and see him and his dam. Also a few sons of Korndyke Defiance Segis. Prices very low.

**A. L. LAMUNION**
New Woodstock, N. Y.

**BY A 26-LB. SIRE—**

WE OFFER a bull calf by a 26-lb. son of De Kol Beets Segis and from a 16-lb. granddaughter of De Kol Hengerveld Burke. A good calf at a reasonable price. Herd sire, a son of King Segis Pontiac Alcartra.

F. L. & I. H. Hunt, New Woodstock, N.Y.

**DO YOU NEED A HERD BULL?**

We offer one ready for service, dam, a 22-lb. 3-yr-old by one of the best sons of King Segis. Sire, by De Kol Hengerveld Burke, and from a 31-lb. dam. Sire has a 35-lb. full sister. More white than black—well grown—a beauty. If you are looking for a good bull at a low price, address

Damon Bros., New Woodstock, N. Y.

"My impression is that a farmer is investing his money equally advisably if he purchases raw rock phosphate and applies an average of 500 pounds per acre annually, as though he invested the same money in additional land."
Hugh G. Van Pelt, Editor,
Kimball's Dairy Farmer.

## RAW ROCK PHOSPHATE

**Finely Ground (Floats)**

**A Phosphorus Fertilizer for Use with Stable Manure or Green Manure Crops**

"In our experiments 40 pounds of rock phosphate costing 17 cents, added over one dollar to the crop-producing value of a ton of manure."
Dr. Thorne, Director.
Ohio Experiment Station

Let us send you our booklet "The Farm That Won't Wear Out," and quote delivered prices. Ask for booklet H-75.

**The Robin Jones Phosphate Co.**
NASHVILLE, TENNESSEE

## Hazelhurst Stock Farms

**Offer For Sale**

Bulls and other stock of fashionable breeding sired by Westside Ladoga No. 67746, a 30-lb. sire, or King Pontiac Canary No. 78766, one of the best sons of King of the Pontiacs and from such high-record cows as follows:

31.15-lb. granddaughter of Lilith Pauline De Kol's Count.
30.42-lb. junior four-year-old daughter of Phoebe Veeman King Beryl.
30.32-lb. daughter of Phoebe Veeman King Beryl.
30.15-lb. daughter of King Veeman De Kol.
28.26-lb. four-year-old granddaughter of Beauty Pietertje Butter King.
26.388-lb. granddaughter of Sir Korndyke Manor De Kol.
26.39-lb. four-year-old daughter of Hazelhurst Marilla Plum Prince.
25.54-lb. four-year-old daughter of Hazelhurst Marilla Plum Prince.
25.17-lb. four-year-old daughter of Westside Baron Ladoga.
24.70-lb. granddaughter of Lilith Pauline De Kol's Count.

Can locate and get anything in registered Holsteins a man wants, one or by the carload.

Write your wants to:

**H. H. WICKWIRE & SON**
**HUBBARDSVILLE, N. Y.**

## BULLS SLAUGHTERED

**In price only. From $35 up**

**Write us MAPLE FARM, Middleville, N. Y.**

**COWS, HEIFERS AND HEIFER CALVES**

**Some Choice Ones For Immediate Sale**

Herd Sires: Sons of King of the Pontiacs and King Walker.
No embargo. Our cattle can go into any state.

**HAMILTON FARMS, Southend P. O. Ontario**
**10 minutes trolley ride from Niagara Falls.**

## THE LAKESIDE HERD

Owing to illness, will be unable to exhibit my show herd this season, so can offer some choice show animals, both males and females. Also a choice lot of bred heifers and young bulls, calves, yearlings and two-year-olds. Write for particulars on what you want.

**E. A. POWELL**

**904 W. Genesee St. SYRACUSE, N. Y.**

pregnating with creosote oil by modern methods, which force the preservative to the innermost fibers of the wood, has provided in yellow pine so treated a material practically impervious to decay, and in that form the southern wood has come to be accepted abroad as the most durable, and in the final accounting, the most economical, for farm buildings. In England, particularly, where rural building is largely done under blanket maintenance guarantee contracts, structural companies consume enormous quantities of creosoted southern yellow pine for barns, stables, feed and hay sheds, granaries and what the English call 'loose boxes' (box stalls), and "ranges" (groups of buildings).

While the slump in the foreign lumber trade has been due principally to the suspension of general building activities, another cause that has contributed has been the growing difficulty of delivering shipments. Even with war at its height, the southern pine manufacturers continue to receive orders from abroad, principally for timbers to be used in heavy construction, such as railroad trestles, bridge work, fortifications and barracks for troops. The uncertainties of ocean traffic, however, have steadily increased, and lumber cargoes that for a time seemed to be ignored in transit, are going the way of many other commodities consigned by shippers in this country to the warring nations. The vessels that have been employed in transporting southern yellow pine have been Norwegian for the most part, though some were American owned, and have come to be regarded as fair game by the submarine destroyers. An example of the perils of the trans-Atlantic lumber trade today was furnished recently by a big steamship, the "Drumloist," which sailed from Gulfport, Miss., with a cargo of yellow pine structural timbers, consigned to London. The "Drumloist" disappeared from the sea, and all that has been found of her was a floating fragment of hull bearing the letters—"loist", a portion of her name. The English now are buying their southern yellow pine through Canadian officials and shipping it to home ports in convoyed ships.

The curtailment of the European trade has meant a heavy loss to the American lumber industry, but in one way the American consumer has been a gainer—there never was a time when such ample supplies of southern yellow pine and other foreign-used woods were available in retail markets in this country, and at prices lower than they are likely to be in many years after peace is declared abroad.


Several Satisfied People have
old to satisfied patrons at the
SYRACUSE SALE PAVILION
Satisfaction Service Prompt settlement
Prompt shipment
SATISFACTION has ever been our watchword

We seek only the best class of cattle for our sales, thus best insuring the satisfaction of our patrons.

Having a larger and better office force, a larger and better equipment, a larger and better system of records and having no other business, we are in position to give you better results.

If you intend selling in Syracuse this winter, write early for us to reserve space, as in our sales of the past we had more cattle offered than we could handle.

We will hold sales during the months of—

**NOVEMBER---JANUARY**
**MARCH---APRIL**

Yes, we advertise, clerk and manage outside sales as well. If you have cattle to sell at auction write now to

**THE SALE MANAGERS**

**LIVERPOOL SALE & PEDIGREE CO., Inc.**

**LIVERPOOL, N. Y.**

**Yearling Show Bull--Ready for Service**

Dam a 21-lb. cow and a first prize winner.
Sire—De Kol Paul Cornucopia King, the best son of Aaggie Cornucopia King, the best son of Aaggie Cornucopia Johanna Lad Jr., and a full brother to World's Champion 2½ and 3½ -yr.-old milk producer.
Breed the kind the public is demanding—good individuals, with plenty of milk production.

**D. W. WRIGHT**

LAKE VIEW FARM CAMBRIDGE, N. Y

# WE WILL CONSIGN

TO THE

# BREEDERS CONSIGNMENT SALE at Syracuse, N. Y.

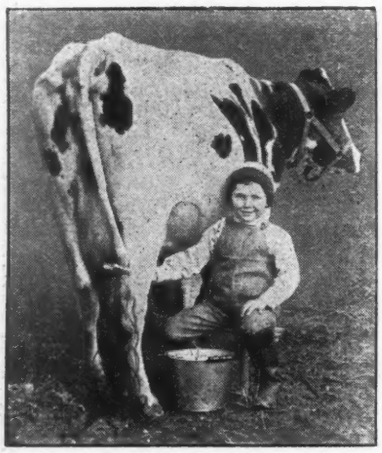
## October 12 and 13, 1915

two carloads of nice young cows and heifers and three high class young bulls. In the consignment is the 29-lb. cow Pietertje Segis Johanna Ormsby, the 24-lb. Jr. 2 yr. old heifer Susie Homestead Hengerveld Fayne and her four months old bull calf sired by the $15,000.00 son of the 44.18-lb. cow.

We will also sell the yearling son of Valdessa Ormsby De Kol, a 32.98-lb. daughter of Valdessa Scott 2d 41.87 lb. Another offering will be a yearling son of the world's record cow, Finderne Pride Johanna Rue 36.87 lb. in 7 days and 1470.58 lb. in 365 days. These last two named are sired by King Pontiac Segis Korndyke brother to Mabel Segis Korndyke 40.36 lb., the world's record Jr. 4 yr. old cow. It is doubtful if three better bred young bulls ever graced a sale ring. Included in our consignment will be daughters of Gorden Glen Pontiac and King Hengerveld Aaggie Fayne, sire of Finderne Holingen Fayne.

**SOMERSET HOLSTEIN BREEDERS CO.**

**SOMERVILLE, N. J.**



## THE CORBIN COW TAIL HOLDER

**Must please you or your money will be returned**
**Price 50c Post Paid**
**Four, $1.50**

**Circular and Sample on Application To**
**RALPH CORBIN, Bainbridge, N. Y**
**H. A. MOYER, Syracuse, N. Y.**
**J. S. BIESECKER, 59 Murray St., New York City**
**UNADILLA SILO CO., Unadilla, N. Y.**
**JAMES MFG. CO., Fort Atkinson, Wis.**
**P. R. ZIEGLER CO., Boston, Mass.**

The valuable sanitary device may be secured free with one new yearly subscription to the Holstein-Friesian World at $1.00 (Canadian $1.50). Address either office.

**FOR SALE:** 8 young cows from 2 to 5 years old and 4 heifer calves from 6 to 8 months old. Some of the cows will freshen before first of year; the others shortly after.
De Kol and Pontiac strains.
Address:
**Dr. M. H. Christie, Corry, Pa.**

**Heifer Calf For Sale**—Sire, Pontiac Triumph Cornucopia 49270, who was by Pontiac Cornucopia, and from a 26-lb. daughter of Hengerveld De Kol. His first daughters to freshen are milking over 50 lb. per day as 2-yr-olds. Dam, a 14.2-lb. 3-yr-old granddaughter of Betta Lyons Netherland (34.71 lb.) whose dam is also a 34-lb. cow. Calf was born Jan. 23, 1915, and is a nice one. Write for pedigree and price. **H. C. Stanton, Burn Brae, Clifton Heights, Pa.**

Inclosed find my check for one dollar for which please send the Holstein-Friesian World for another year. When you are counting up its friends, count me as one.—G. A. Baird, Winthrop, N. Y.

Please find inclosed check of $1.00 for a year's subscription to the Holstein-Friesian World. I look forward to the World each week and feel that I get my money's worth.—Eli H. Bodine, Chemung, N. Y.

## CALVES

Sons of King of the Pontiacs 15th No. 87504 are arriving every few days. Place your order for one. Price from $25.00 up.

**H. PERKINS & SON, Red Creek, N. Y.**

# IF YOU WANT A BULL

That is a son of Beach Segis Pontiac and an A. R. O. dam, write Beach & Wirt for their special proposition.

**Remember Beach Segis Pontiac is One of the Greatest Bred Bulls in the World.**

At least let us hear from you, as it may make you THOUSANDS of dollars.

**BEACH & WIRT, BATTLE CREEK, MICH.**

### SIGNATURE OMITTED

Inadvertently the signature was omitted from the letter published in the Eastern Edition two weeks ago headed "Are Breeders Bull Crazy?" This was written, and should have been signed by Clarence E. Hoag, Benton Harbor, Mich. It will be understood, of course, that while our columns are open to free discussion of matters of interest, the World does not necessarily agree with the opinions expressed by its correspondents, which are supposed to be taken merely for what they are worth.

### NEW RECORD ANNOUNCED

Holstein-Friesian World:

I am pleased to be able to report that the cow Katie Pietertje Paul 5th 160885 has broken the record for fat production in the senior three-year class of the division covering tests begun not less than 240 days from freshening by producing in seven consecutive days 14.105 lbs. fat from 425.6 lbs. milk. She freshened at the age of 3 years, 10 months, 26 days, and began her test 245 days from freshening. Her prior record, begun 17 days from freshening, is 20.005 lbs. fat from 555.4 lbs. milk. Her sire is Colie Change 56106; her dam is Katie Pietertje Paul 66694. She was bred and is now owned by Mr. Jabez Smith, Newark Valley, New York. In the senior three-year class of the "eight months division" she displaces De Kol of Valley Mead 2d 127017, whose record, begun 254 days from freshening, is 13.743 lbs. fat from 308.5 lbs. milk.

MALCOLM H. GARDNER,
Delavan, Wis. Supt. A.R.
Aug. 21, 1915.


## BLUE BOOK

**Every Holstein Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.**

**Have you subscribed for the 25th volume? You can not afford to be without it. All experienced breeders consider the book indispensable in tracing the breeding and relationship of A. R. O. animals. The 25th volume is now ready for distribution.** It contains 1070 pages of condensed information relating to Holstein-Friesian cattle, including whole Advanced Register of last year. The official name of the book is Advanced Register Year Book, and the price is $2.00 per copy to all. Send all applications with price to

**M. H. Gardner, Supt. A. R.**
**Delavan, Wis.**

**Quantity and Quality Combined**

In Bull Tag No. 88. Dam with a 27.38-lb. record is of exceptionally good breeding. Sire: Sir Pontiac Roxie Korndyke (Grandsire, Pontiac Korndyke). Write for particulars of this bull—also others we have to offer.

**Peaceful Valley Farm**
Oxford Depot, Orange Co., N.Y.

# FRIESLAND FARM
## HERD SIRE
## RAG APPLE KORNDYKE BOON, No. 123847

Sire: Rag Apple Korndyke 8th, the $25,000 son of Rag Apple Korndyke and Pontiac Lady Korndyke, 38.03.

Dam: Fairview Korndyke Boon, a 32.17 pound junior four-year-old daughter of Pontiac Korndyke. She sold recently for $4,100 at auction and will probably increase her record when she freshens.

Rag Apple Korndyke Boon's dam and sire's dam average as follows:

| | |
|---|---|
| Butter, 7 days | 35.10 lbs. |
| Butter, 30 days | 143.53 lbs. |
| Per cent of butterfat | 4.96 |

He is as good an individual as his great sire and with his splendid breeding is sure to make good. We expect to keep and test all his daughters. His first two daughters are from a 22-lb. two-yr-old and from Lotta Clyde, the cow that has just produced 709.1 lbs. milk; 31.325 lbs. butter in 7 days.

Have four of his beautiful sons from good A. R. O. cows

**B. B. DAVIS, Omaha, Nebr.**
**200 Bee Building**

**BULL CALVES AND HEIFER CALVES FOR SALE**

No. 1. Bull calf born June 3, 1915. The sire is a 32.92 lb. son of Aaggie Cornucopia Johanna Lad. The dam a 23.30-lb. daughter of Prince Segis Korndyke and this from 3 quarters, nicely marked and a fine individual and where can you get better breeding for $200.00.

No. 2. Bull calf born Aug. 24th, 1914. Same sire as above, the dam a daughter of Manor Johanna De Kol a 34-lb. son of Sir Johanna De Kol, she carries 62½ per cent the same breeding as Johanna De Kol Van Beers who sold for $7,000.00. The price on this one for a quick sale is $100.00.

No. 3. Bull calf born October 25th, 1915, same sire as above, the dam is an A. R. O. daughter of Prince Segis Korndyke. Price $100.00.

No. 4. Bull calf born March 15th, 1915, same sire as above, dam has an A. R. O. record also her dam who is an A. R. O. granddaughter of Hengerveld De Kol. Price $75.00.

No. 5. Is a heifer calf born May 13th, 1915. Sire is a son of Sir Johanna De Kol who is the sire of Johanna De Kol Van Beers the $7,000.00 cow, the dam of this cow has never been tested but will be at next freshening as she is now giving 55 lbs. of milk per day.

No. 6. Is a heifer calf born May 18th, 1915, same sire as No. 5, and her dam a 3-yr-old, has an A. R. O. record 30 days after freshening and from 3 quarters.

No. 7. A heifer calf about 60 days old, the sire is a grandson of Aaggie Cornucopia Johanna Lad and the dam is a granddaughter of Manor Johanna DeKol. These three heifer calves are nicely marked and all fine individuals, the price for either one is $150.00 or $400.00 takes the three.

We have priced all of these calves to sell as we have a large herd and need the room. **KNUDSON & LIESS** Mokena, Ill.

# Son of Pietertje Hengerveld Segis

The famous 33-lb. son of King Segis, from the best daughter of Pietertje Hengerveld's Count De Kol and Blanche Lyons.

**The dam**

Maple Ridge Ormsby 103576, (24.09lb.) who was by a 23-lb. son of Duchess Ormsby Butter King, and from a 27-lb. daughter of a 27-lb. cow. The **grandam** has a semi-official year's record of **1100.3 lb.** butter, **28,436.10 lb.** milk.

This young bull was born April 14, 1914, is about evenly marked a splendid individual, and with a pedigree difficult to improve upon Write for complete information.

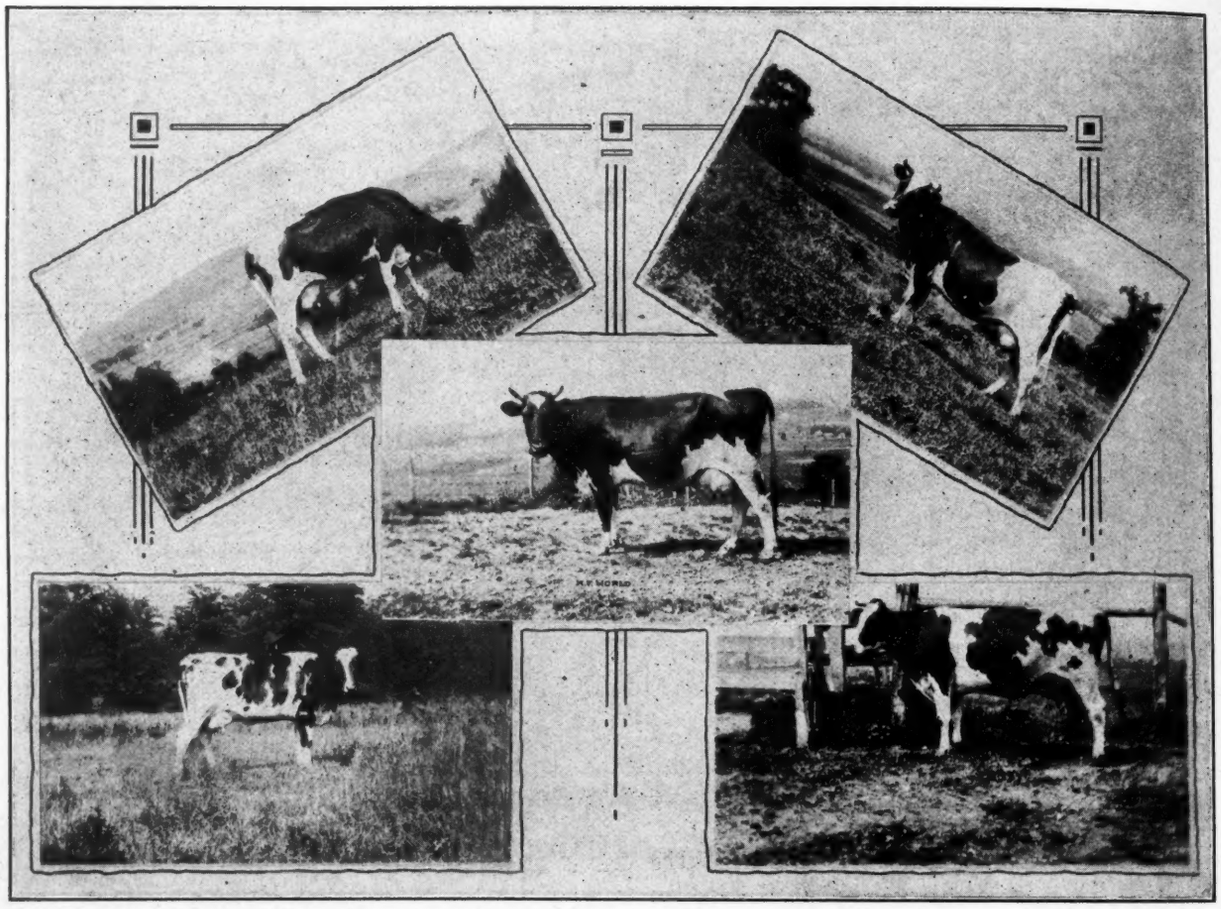
**H. C. SWARTOUT, Terracelawn Farms**
**Hartwick Seminary, N. Y.**

# REMEMBER THE DISPERSION OF THE HILLDALE HERD

IN CONNECTION WITH

## The 4th Sale of the New York State Breeders Syracuse, September 3--4, 1915

THE HILLDALE HERD WILL BE SOLD ENTIRE THE FIRST DAY



A FEW OF THE GET OF KING SEGIS BEETS. (Lower right—a 26-lb. daughter of Pontiac Korndyke)

About two dozen of his daughters (including all of those shown above and in the reading columns of this issue) are to be sold. Also an equal number in calf to him.

17 daughters of Friend Pontiac Korndyke, a 25.9-lb. son of Pontiac Korndyke. A group of his get is shown in the reading columns.

Daughters of Pontiac Korndyke, King of the Pontiacs, Sir Veeman Hengerveld, Korndyke Abbekerk. GOOD GOODS.

Bulls—the 30-lb. kind—as well as some of high quality that will sell for less money.

THE HILLDALE kind is a good kind to own.

Come and look them over and Be Present at the Sale.

**J. A. STANTON & SON, NEW WOODSTOCK, N. Y.**

### MEETING OF PENNSYLVANIA BREEDERS.

That Holstein cattle sell cheaper in Pennsylvania than in any other state in the union, simply because the Holstein breeders have not had up to this time a convenient centre for the sale of their cattle, was brought out at the meeting last evening at the Hotel Allen of the Pennsylvania Holstein Friesian Association.

The meeting was a splendid gathering of the members in connection with the holding at the Fair Grounds of a two-day sale of registered stock, under the management of Hon. W. M. Benninger, of Northampton county, who is at the head of the movement to make Allentown the Holstein centre for the state.

At the meeting last night H. C. Reinhold, the secretary of the association, told of the great opportunities for breeders to make this city a Holstein centre. Up to this time big buyers have been compelled to go to other states to get large quantities of cattle, because the average breeder will not sell many head and only by getting to a shipping and sales centre can a large number of fine stock he secured at one time. Consequently buyers from the West especially go to Syracuse, which is the York State centre or to centres in other states where the breeders have acted in concert long before this. The effect of this failure to cooperate has also resulted in lower prices for fine stock in this state than would govern elsewhere

Indicating the growing value of the Holstein, Mr. Reinhold pointed out that the celebrated bull King Segis Pontiac Alcartra, which sold at the record price of $10,000 three years ago, has since been sold for $50,000 and now could not be purchased for any price. He described a visit recently to the John Arfmann farm at Middletown, N. Y., and the Lawson Holding Co.'s farm at La Grangeville, N. Y. which jointly own the great Pontiac On each farm there are today thirty cows which are giving an average of thirty or more pounds of butter per week and are worth from $2,000 to $5,000 each. He asked whether it is too much to expect that since a bull sold for $10,000 at Scranton two weeks ago, that within three years a record price of $50,000 may be made for some animals in this state.

As the delegate of the state associa-


**PHELANDALE HERD**

OFFERS bull calves from 1 to 5 months old sired by Hengerveld Homestead De Kol, whose three nearest dams average 644 lb. milk and 30.49 lb. butter in seven days. Dams of calves are daughters of Dutchland Colantha Sir Inka (the world's greatest 7-yr-old sire), and have records from 24.22 lb. to 30.94 lb. butter in heifer form.

JAMES PHELAN
Forestville, Chautauqua Co. N. Y.



# HAVE YOU SEEN IT

Our combination picture of "Fifty-four famous Holsteins," is conceded to be the finest thing of its kind ever published. It is printed in two colors on heavy enamelled stock, measures 19x23 inches, and is all ready to frame and hang on the wall of your home or office. It contains pictures of the great foundation cows, and sires, and many of the World's Champion producers. It is a work of art, worthy of the most careful study.

This picture is not for sale. There is just one way you can get it. We will make you a present of it if you will send us

## ONE NEW YEARLY SUBSCRIPTION

to the WORLD at $1.00 (Canadian $1.50). We want your co-operation and we want it so badly that we are glad to give you this expensive premium to insure prompt action.

We have more than doubled our circulation during the past year. We aim to double it again. The greater our support, the more we will be able to give our readers in the way of a Holstein magazine and newspaper.

**BOOSTING THE WORLD BOOSTS THE BOOSTER**

**LET'S ALL BOOST TOGETHER**

Send your remittance with the name of some friend who ought to read the WORLD to your nearest office, and the premium picture will go back to you by return mail.



**Bed With Baled Shavings**

and avoid contagion of Foot and Mouth disease. Best absorbent. Cheaper than straw. Prices now lower and shipments more prompt.

Oscar Smith & Son, ALBANY, N. Y.
Eastern States,) New England Baled Shavings Co.
ALBANY, N. Y.

CHEAP

Write for Price Delivered

SANITARY



# The Balsams Stock Farm

## BALSAM RHODA SEGIS

A young bull backed up by production. He combines the blood of Sir Korndyke Pontiac Artis, Sir Korndyke Manor De Kol, Hengerveld De Kol, King Segis, Duchess Ormsby, Butter King and Johanna Rue 3d's Lad.

His sire is the son of a 24-lb. three-year cow.

His dam as a four-year-old produced on semi-official test 19596.9 lb. milk, 782.7 lb. butter, and produced this calf shortly after finishing the year.

He has a 22-lb. three-year-old sister.

He was born February 20, 1915. He has good conformation, is about half white and is the kind you are looking for.

Write today for price and other information.

HENRY S. HALE, Owner — Dixville Notch, N. H. — P. A. CAMPBELL, Manager

# THE FIRST CORTLAND SALE

## will be held on the farm of the celebrated Peck Dairy

## CORTLAND, N. Y., OCTOBER 14th---15th

**THE CATTLE ARE OF THE BEST STRAINS AND WILL BE CONTRIBUTED BY**

| | |
|---|---|
| O. U. KELLOGG | GEORGE ABBOTT |
| JOHN ARFMANN | LAWSON HOLDING CO. |
| E. H. KNAPP & SON | A. A. KNAPP |
| P. WADSWORTH | CHAS. C. DISBROW |
| J. WEBSTER | M. S. NYE |
| HARRY RAVIS | FITZGERALD & SONS |
| M. J. PECK | JABEZ SMITH & SONS |
| A. R. OWEN | W. H. MACE |
| J. A. LEACH | E. HENRY |
| C. BENNETT | SAUNDERS & CO. |
| ELLIS & CO. | C. D. FORTNAM |

H. M. DUNHAM & SONS

The stock offered will be just the surplus of these well known breeders and, as it is planned to make this a semi-annual event, something real good comes from every herd.

For instance, there is a son of King of the Pontiacs from a cow that twice has made over 32 lb. butter in seven days, once from three-quarters.

Another gem is a son of King Segis Pontiac Alcartra from a 30-lb. daughter of Hengerveld De Kol, her dam 25.8 lb. and her dam a 27-lb. daughter of a 20-lb. cow.

And then there are others and females to match.

Sons, daughters, grandsons and granddaughters of 30-lb. cows. For particulars in detail, watch the two next issues of the World.

If you are looking for a good bull, if you need females of any kind, if you are thinking of starting now or sometime in the future:—ATTEND THIS SALE.

Cortland is on the Lehigh and the D. L. & W. Railroads and on one of the best State Roads of New York.

**Auctioneers:—KELLEY, HAEGER, PERRY and MACK.**

**Write early for Catalog to**

## HOLSTEIN SALES COMPANY, Sale Managers

**102 WEST CHICAGO STREET** **ELGIN, ILLINOIS**



**BULL CALF. Born Sept. 16, 1914.**

Sire, Premier Pontiac, a son of Pontiac Korndyke and Sadie Pontiac Korndyke, 102.4 lb. milk in 1 day, 687 lb. milk and 29.56 lb. butter in 7 days.

Dam of calf, Netherland Pansy Korndyke 2d at 3 yr., 405.4 lb. milk and 18.05 lb. butter in 7 days; her dam, 28.44 lb. butter.

Here is a bargain if you want a good one at a very reasonable price.

**F. H. Thompson & Son, Holland Patent, N. Y.**



## BULL CALVES WITH 44-LB. BACKING

Sons of Spring Farm Butter Boy whose dam, Tweede De Kol Lass, (34.39 lb., average per cent fat 5.10) is also dam of the only 44-lb. cow, K. P. Pontiac Lass, the cow that holds every world's record from 7 to 100 days.

Dams are all high testing A. R. O. cows. These calves are splendid individuals, vigorous and well grown.

Pedigree and prices on application.

**C. W. HEWITT & SON** **GOUVERNEUR, ST. LAWRENCE CO., N. Y.**

tion to the national association, Mr. Reinhold reported that in spite of the foot and mouth disease the value of the Holstein cattle business increased during the past year 37½ per cent.

The breeders went strongly on record against pasteurized milk. Mr. Benninger declared that pasteurized milk is dead milk and he drew the forceful illustration of a cup of coffee into which flies have fallen and have drowned. "You would not drink that coffee, would you?" asked Mr. Benninger. "Yet, if you were to boil that coffee again, flies and all, it would be perfectly safe to drink, for the boiling would have killed every germ that might have come into the coffee. But nobody would knowingly drink that coffee. So it is with milk. If it is taken from cows tested for tuberculosis as dairy cows should be, milked in cleanly fashion, kept cool and sanitary, there is no need of pasteurization and the milk is in natural condition. But of course, if the milk is dirty it should be pasteurized and that is the only excuse for it. However, it has been proven that it is not so healthful. It has been shown that guinea pigs fed upon it were killed by it in short time."

The matter of the state law fixing the legal amount of butter fat at three per cent. was referred to. This figure is very satisfactory to the breeders of Holsteins, but the question was raised if municipalities make a higher figure whether the dairymen should fight any prosecutions based upon municipal legislation against state legislation.

The value of Holstein milk as a food was discussed. Mr. Benninger stated that physicians would do well to prescribe it as infant food, because of its high percentage of solids. He referred to a lusty family of fourteen children of his own which has been raised on Holstein milk.

H. C. Plummer, of Norristown, and Fred Conover, of Stewartsville, N. J., discussed the pasteurization of milk as relating to milk unsanitarily handled.

The breeders entered into a general discussion on the superlative mertis of the Holstein, because of its large capacity and it was with pride that they brought out the fact that the Holstein is to-day the champion dairy cow, having defeated all breeds of all ages. The record cow milked nearly 1,500 pounds of butter and over 29,000 pounds of milk in a year and after 358 days of testing in the last seven days of her year's test gave 36 pounds of butter.

Before adjourning it was decided to hold the next meeting of the association at Harrisburg on Jan. 16, in connection with the meeting of the state agricultural board.


# MOYERDALE HERD SIRE

**KING LYONS NO. 71155**

The only sire of the breed that has 6 20-lb. daughters with first calf at 4 years of age.
His sire is a son of Colantha Fourth Johanna 35.22.
His grandsire is an own brother of Grace Fayne 2d Homestead 35.55 lb. The two first 35-lb. cows of the breed.
His dam is a 29-lb. daughter of King Segis.
His second and third dams are each 34 lb. cows.

**KING JOH NO. 143460, JR. HERD SIRE**

Sire—King Segis Pontiac Alcartra No. 76602, the $50,000 bull, a grandson of King Segis. Dam—a 33-lb. daughter of Johanna McKinley Segis, the $25,000 son of King Segis, and Johanna De Kol Van Beers, the 40-lb. $7,000 cow with butter records as follows:

| | | | |
|---|---|---|---|
| Butter 7 days | 40.07 lb. | Butter 30 days | 151.39 lb. |
| Butter 60 days | 288.45 lb. | Butter 90 days | 416.71 lb. |
| Butter 120 days | 541.35 lb. | | |

King Joh retains the King Segis quality. He is a beautiful individual, with all of the dairy qualities we like. He weighed 1200 lbs. at 12 months old. His sire has 5 20-lb. 2-year-old daughters at 4 years of age.

**KING SEGIS NO. 36168**

Born in 1904—died in 1910.
Today he has over 800 granddaughters or 900 daughters and granddaughters, 21 of this number with records from 30 to 40 lb. each.
Why should he have more daughters and granddaughters than any bull of the breed with less than half the years of service of some of the older, great bulls? The only way this question can be answered is that his transmitting qualities must have been greater than any other bull of the breed.
A few choice bred bull calves with great individuality, beautifully marked, that have from 7 to 12 dams in their pedigree that averages over 30 lb. each.
Prices and description mailed on application.
Remember that Moyerdale is the Home of King Segis, the greatest sire of his generations of the black and white breed.

**H. A. MOYER, Syracuse, N. Y. WM. SIMPSON, Supt.**

**13**
**UNLUCKY FOR GERMS**
Reg. U. S. Patent Office
**Disinfectant**

A POWERFUL DISINFECTANT FOR USE IN UNCLEAN PLACES. PRODUCT OF COAL TAR. PUT UP IN TEN GALLON CANS AND BARRELS.
**BETTER HEALTH FOR MAN AND BEAST**
Write For a Free Sample

Eastern Agent
Wholesale Dept.
**G. A. GALLAWAY**
322 PEARL STREET
NEW YORK CITY
Established 1867
Phone 1207 Beekman

**Sadie Vale Sir Ormsby No. 57600**

The youngest son of Sadie Vale Concordia, the first 30-lb. cow. Sired by Duchess Ormsby Piebe Burke.

He is the only sire of the breed having a 41-lb. FULL sister who has a 38-lb. daughter.

AND

**King Korndyke Sadie Vale 9th No. 134638**

DAM: Florence Veeman Wayne, a 31.153-lb. daughter of Sir Veeman Hengerveld.

SIRE, King Korndyke Sadie Vale, whose first 4 daughters to be tested average at 2 yr. old nearly 25 lb. of butter in 7 days.

**STOCK OF THIS BREEDING FOR SALE**
**Write for pedigrees of Senior and Junior sires**

**MAPLE GROVE STOCK FARM**
**JAMES W. FEAR**
**Holland Patent, N. Y.**

# OLIVER W. CABANA Jr.

Owner of the $25,000.00 bull, Rag Apple Korndyke 8th, consigns to the Southwestern N. Y. Holstein Breeders' Sale, some fine heifers bred to this distinguished sire. In the sale will also be daughters of the 32-lb. bull, Hengerveld Homestea, De Kol and of

## DUTCHLAND COLANTHA SIR INKA

whose daughters last year won more money in prizes from the Holstein-Friesian Association of America than were awarded to the daughters of any other bull.

110 Holsteins, personally inspected, unblemished, tuberculin-tested, and selected from the herds of 17 dependable breeders.

This is the second sale in the series and will be held, as before, on the Dow Farms, Randolph, N. Y., October 1, 1915.

Write early for catalog, to

**E. M. HASTINGS, Sale Manager**

**LACONA, N. Y.**

---

## SOME OF OUR BEST CATTLE

ARE GOING INTO OUR

# FIRST ANNUAL SALE

TO BE HELD AT

**Spokane, Wash., Friday, Sept. 17th, during the Inter-State Fair**

YOUNG COWS AND HEIFERS IN CALF TO OUR GREAT HERD SIRES—

Finderne Pietertje Fayne (the greatest of the breed).
Sir Bessie Homestead Johanna Fayne (son of "Champion Bessie").
Mutual Piebe De Kol.

A. R. O. COWS, INCLUDING:

Snowball Pride Polkadot 28.21 and her 19.8-lb. 3-yr.-old daughter.

5 daughters of Johanna Colantha 2d's Sir Fayne, who was from a 32.89 lb. dam, and by a full brother to a 35-lb. cow. One of these is from a 27-lb. daughter of De Kol Burke, and another from a 25-lb. dam.

A daughter of the 33-lb. sire, Sir Pietertje Lyons Hengerveld.

A daughter of Johanna Bonheur Sir Fayne, from a 29-lb. dam.

3 daughters of Mutual Piebe De Kol.

Granddaughters of King of the Pontiacs (2), Hengerveld De Kol (3), King Segis De Kol Korndyke, Fobes Tritomia Mutual De Kol (7).

BULLS HARD TO EQUAL!

A son of Jessie Fobes Bessie Homestead (34.96 lb. at 4 yr.), former World's Champion 4-yr.-old, and now the only cow to have three records averaging over 34 lb. This young bull is sired by a son of Johanna Colantha 2d (32.89 lb.), making almost a 34-lb. average for this young bull

A son of our 34.96-lb. sire, Sir Bessie Homestead Johanna Fayne, from a 29-lb. 3-yr.-old full sister to "Champion Bessie."

A full brother to "Champion Bessie."

Four other sons of Sir Bessie Homestead Johanna Fayne, one out of a 22-lb. full sister to "Champion Bessie." One out of a 20.8-lb. 2-yr.-old daughter of a 28-lb. cow. One out of a 19-lb. 3-yr.-old daughter of a 27-lb. cow. One out of a 16-lb. 3-yr.-old daughter of a 20-lb. 4-yr.-old.

In addition to our own cattle will be sold consignments from Twin Lakes Farm, H. C. Davis, E. B. Marks and Geo. A. Gue.

Write immediately for a catalog, and plan to Be Present.

**MONROE COMPANY, SPOKANE, WASH.**

## PUBLIC SALE CALENDAR

Sept. 1-2—Earlville, N. Y., Madison-Chenango Breeders 2d Sale.

Sept. 3-4, Syracuse, N. Y., New York State Breeders Fourth Public Sale.

Sept. 8—Battle Creek, Mich., Dispersal Sutfin herd.

Sept. 10—Watertown, N. Y., L. S. & P. Co. Consignment Sale

Sept. 15—Hanford, Cal., Weldon & Gilkerson Dispersion.

Sept. 15—Snohomish, Wash., Western Washington Holstein Breeders Ass'n.

Sept. 17—Spokane, Wash. Munroe Company, 1st Annual Sale.

Sept. 21—West Chester, Pa., W. H. Hicks Dispersion.

Sept. 30—Waterloo, Ia., Upper Iowa Cattle Congress Sale.

Oct. 1, 1915—Randolph, N. Y., Southwestern, N. Y Breeders' 2d Annual.

Oct. 6-7—Sarcamento, Cal., Morris & McAlister Combination Sale.

Oct. 7-8—Troy, Pa., D. B. York Dispersal.

Oct. 12-13—Syracuse, N. Y., Breeders' Consignment Sale Co. 18th Sale.

Oct. 13—Waterloo, Ia., Dispersion of Dr. E. E. Reed and Hon. Gerritt Klay herds.

Oct. 14—Indianapolis, Ind., Indiana H.-F. Association's A. R. O. Sale.

Oct. 14—Hanford, Cal., California Breeders 2d Consignment Sale.

Oct. 14—Howell, Mich., Michigan Breeders Consignment Sale Co., 9th Public Sale.

Oct. 18—Watertown, Wis., Frank L. Hilker.

Oct. 20-21—Monroe, Wis., Green County Breeders Consignment Sale.

Oct. 28—Woodstock, Ill., McHenry Co. Holstein Breeders Club 2d Annual.

Oct. 28-29—Lake Mills, Wis., Lake Mills Breeders' 12th Semi-Annual.

Nov. 15-16—Syracuse, N. Y., Liverpool Sale & Pedigree Co.'s 8th Consignment Sale.

Nov. 17-18—Earlville, N. Y., Liverpool Sale & Pedigree Co.'s 1st Earlville Sale.

Dec. 10—North Portland, Ore., Pacific-International.

Jan. 17-18—Syracuse, N. Y., Liverpool Sale & Pedigree Co.'s 9th Consignment Sale.

Jan. 19-20—Earlville, N. Y., Liverpool Sale & Pedigree Co.'s 2d Earlville Sale.

June 8-9, 1916—Detroit, Mich., Western Breeders' Consignment Sale Co.

## Breeder's Bulletin

C. L. Updike, Millerton, Pa., writes: "I have sold 21 head of my Holstein cattle, all in one bunch receiving $4500.00 for them delivering them on foot to a man about 8 miles from my place. They were a fine bunch of cattle, only one being over 4 years of age. 13 females were safe in calf to Maplehurst King Segis Pontiac 97018, whose dam is a 28.84-lb. daughter of King of the Pontiacs. I have 8 animals left, 7 females; one bull 15 months old whose dam has a record of 19.32 lb. butter in 7 days. Age 2 years 9 months.

J. W. McAllister, Jr., Sale Manager, Chino, Cal., writes: "In respect to the California Breeders'

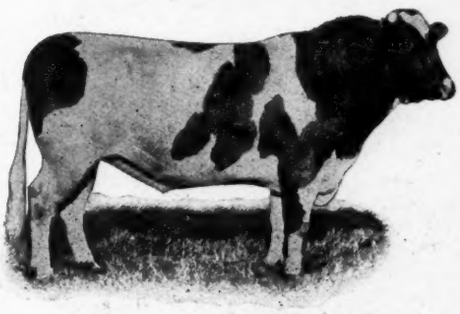

**KEYSTONE FARMS**

First check for $125.00 takes son of Keystone Clio Beauty A. R. O. 18.19 lb. butter 7 days and 60 lb. milk one day at two years, who is sister to Keystone Beauty Plum Johanna, the world's record three-year-old in eight months' division. This calf is light in color, born April 18 and is sired by Segis Hengerveld Beets Lyons, my junior sire, with average of 32.89 lb. No foot-and-mouth disease in this county.

C. A. Pratt LeRaysville, Pa.



**THE GREATEST RECORD EVER MADE**



is that recently completed by Finderne Mutual Fayne.

At 2 yr 3 mo—
Butter 1 year ..... 1200.65
Milk ..... 22150.70

Figuring on the basis of A. R. O. requirements these would be the equal of mature records of
2001.1 lb. butter in a year
36918.0 lb. milk in a year

No other cow or heifer of any age or breed can equal this showing.

**SPECIAL OFFERING**

A brother of Finderne Mutual Fayne, from the same dam, Finderne Hengerveld Mutual (23.79 lb. in 7 days—94.30 lb. in 30 days at 3 years—now owned by Woodcrest Farm.)

Finderne Hengerveld Mutual is a ¾ sister to the dam of the World's Champion 3-yr-old, Finderne Holingen Fayne (1395.06 lb.), the second most sensational record.

This bull is a beautiful individual just past a year old, well grown, and ready for immediate service. His sire is Sir Prilly Segis, who was by King Segis, and from a 30-lb. daughter of Prilly Princess, (25.13 lb.), one of the best transmitting daughters of the foundation cow, Prilly (25.2 lb.).

This young bull bears the same relationship to King Segis as the sire of the two World's Champion heifers; also the only 40-lb. heifer in the World. Therefore, he can transmit more of the blood that produced the two greatest heifers in the dairy world than any other bull except his full brother.

NOW is the time to take advantage of this opportunity. Write for pedigree and complete information.

**Beaver-Dam Stock Farm** **Julius Schmid, Prop.**
**Home of Sir Prilly Segis** **Montgomery, Orange Co., N. Y.**



# HOME FARM HERD

**ESTABLISHED 1881**
**headed by**

## SIR SADIE CORNUCOPIA 42152

**35 A. R. O. DAUGHTERS** **10 A. R. O. SONS**

Sadie Cornucopia Mignone ..... 31.74
Sadie Cornucopia Wayne ..... 31.42
Bloomingdale Hengerveld Elzevere 2d ..... 29.43
Alba Sadie Cornucopia Greetia ..... 28.85
**Nine others from 20.58 lbs. to 26.00 lbs. butter. He is from the same dam as**
Sadie Vale Concordia 4th ..... 41.06

We offer young sons of this great sire and yearling and two-year-old heifers, safe in calf to him. Write us for pedigrees, descriptions and for service terms.

## W. B. BARNEY & SONS
## CHAPIN, IOWA



# STOP! LOOK! LISTEN!

**Mr. Holstein Breeder, do you wish to buy a 30-lb. bull of unparalleled breeding? If so, study the pedigree of**

## Korndyke Pontiac Cornucopia 6th No. 146017

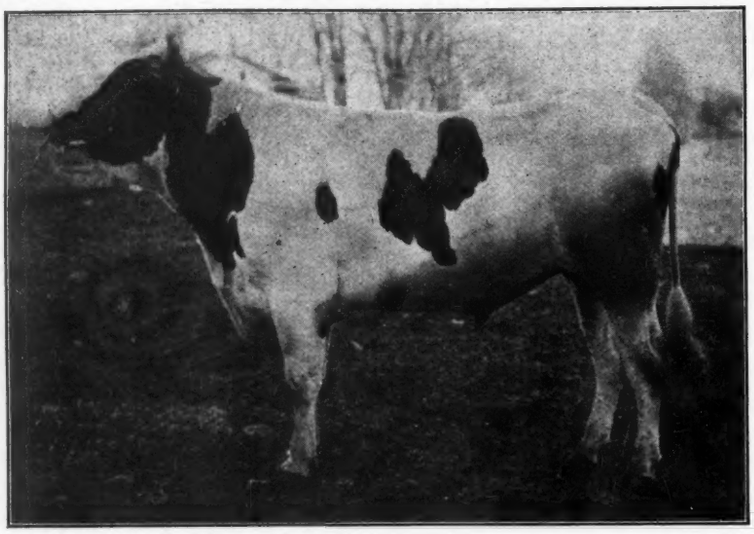
**SIRE—Pontiac Korndyke Cornucopia No. 54932. He is by Pontiac Korndyke and from a 29-lb. senior four-year-old daughter of Pontiac Korndyke. He is also a full brother to the 38-lb. cow, Pontiac Lady Korndyke that sold for $3600 in the Dollar Sale. DAM—Lilly Grace Cornucopia No. 123441. Butter 7 days, 30.02 lb., milk 718.2 lb. Milk 1 day, 106.1 lb.; butter 30 days 119.44 lb., milk 2853.2 lb. She is by Aaggie Cornucopia Johanna Lad No. 32554 whose 95 A. R. O. daughters have more milk records above 500 and 600 lb. than any other sire of the breed.**

**Korndyke Pontiac Cornucopia 6th was born April 26, 1914, and is well grown, well marked and is now ready for service.**

**If you want a combination of both quality and production write for pedigree and price to**

## RIVERSIDE STOCK FARM

**A. W. BROWN & SONS** **WEST WINFIELD, N. Y.**



KING VEEMAN PONTIAC HENGERVELD

# LOCUST STOCK FARM

## Has Consigned to the Earlville Sale, Sept. 1–2

Some of their very best young cows and heifers. Among them are daughters of

**SIR RAG APPLE KORNDYKE**

whose dam and sire's dam average 33.91 lb. butter in 7 days. These young heifers are due to freshen in September and October and are bred to our junior herd sire.

**KING VEEMAN PONTIAC HENGERVELD**

A son of King Segis Pontiac Alcartra and Daisy Veeman Hengerveld who has a 29.14-lb. record and her transmitting power is doubly shown by the records of her daughter.

One of these two-year-old daughters of our senior sire is an especially fine individual with a 23.6-lb. dam sired by Sir Hengerveld De Kol of Stockbridge who has a great list of daughters for the number tested.

Also, Victoria Pauline Cornucopia No. 156352, a great senior two-year-old with a record of:

Butter 7 days..... 22.19
Milk 7 days.....410.50
Average fat..... 4.33

Due to freshen Oct. 25, 1915, by SIR RAG APPLE KORNDYKE and is sure to increase her record.

If you want a yearling bull we offer a SON of Sir Rag Apple Korndyke. His dam is a daughter of King Segis Hengerveld and has a 20-lb. record at a 3-yr-old. King Segis Hengerveld is by the great King Segis, sire of 8 30-lb. cows and from a 33-lb. daughter of Pietertje Hengerveld's Count De Kol and Blanche Lyons, the only cow of the breed to produce 3 30-lb. daughters. The dam's dam is a 22-lb. daughter of a 25-lb. cow and is by a son of Pledge 4th Prince, one of the noted early sires of the breed. This we call good backing and he is a fine animal.

**DAVIS & ADAMS, MUNNSVILLE, N. Y.**

Read the other Madison-Chenango Advertising in this issue.



# A BROTHER TO THE $50,000.00 BULL

## MAPLE HURST KING SEGIS PONTIAC

### HEADS OUR

# FIRST SEMI-ANNUAL SALE

**TROY, PA.** **OCTOBER 7–8, 1915**

## 125—HEAD—125

His sire is King Segis Pontiac, his dam a 29-lb. daughter of the KING OF THE PONTIACS. We shall also sell daughters and a son of this bull from A. R. O. dams, as well as over thirty head, heavy in calf to him. All are young—very few being over six years old, and fine individuals. Most of the cows are due to freshen the fall and winter, not a three teated cow in the lot.

**ALL TUBERCULIN TESTED**

For further information and catalog, address

## D. B. YORK and W. J. FEW

**TROY, PA.**

N.B. On the Penn. R. R. between Elmira, N. Y. and Williamsport, Pa.

Second Consignment Sale to be held on Oct. 14 and 15, we believe in some instances it will surpass any consignment sale ever held before in the United States. It will be remembered that the first California Breeders' Consignment Sale averaged $397 per head for 97 animals which was by far the greatest average of any of the numerous sales of pure bred cattle held last fall. This year there will be almost twice as many head sold and the quality of the stuff sold will be just as much greater than it was last year as it is larger in quantity. Last year there were only granddaughters of the great sires of the breed. This year there will not only be any number of granddaughters but numerous daughters of the world's greatest sires. Last year there was a large number of bulls that brought down the average but this year there will only be half as many bulls proportionately but what is lacking in quantity will be more than made up in quality.

"Such wonderfully bred bulls as a son of King Segis Pontiac Emperor whose sons stand at the head of the A. W. Morris & Sons and more other good herds in the West than any other bull and out of a cow with a great yearly record of 870 lb. butter, a bull containing 50% the same blood as Juliana King of Riverside, the sire of several daughters that have broken world's records and out of a cow that made 772 lb. butter in a year, a son of King Pontiac Topsy, 10 A. R. O. daughters and a brother to the world's record 44-lb. cow K. P. Pontiac Lass and 9 30-lb. cows and out of the second highest record daughter of the $25,000 bull, Johanna McKinley Segis whose dam made 40 lb. butter and holds the world's record for 120 days and others as equally well bred.

Never before has such an opportunity been offered to California buyers and it is up to them to take advantage of this chance to secure the best of foundation stock for their herds. There will be offered 25 A. R. O. cows with records of up to 29.90 lb. butter as 4-yr.-olds and any number of 30-lb. possibilities. There will be 30 daughters from some of the greatest bulls of the breed from cows with records of over 30 lb., 29 lb., 24 lb. and 22 lb. and others with records around 20 lb. butter. There will be 15 daughters of what is considered by many to be the best son of Colantha Johanna Lad and other more high record cows and magnificent individuals than have ever been offered at any sale before in the West with the exception of our Sacramento Sale on Oct. 6 and 7. Because of the tightness of the money market these breeders have been compelled to sell stock that they would not have parted with before at any price and it offers the buyer to take his pick of seven of the leading herds in the West. We do not expect, however, that the prices paid for the stock to be commensurate to their value because there is going to be so many Holsteins sold in California this fall and the financial stringency is so great that the stock will undoubtedly go for bargain prices. Every breeder therefore who wishes to make money cannot afford to be absent from the big sale at Hanford in October.


# Maplemont Farm

Pietje Alcartra Fayne combines the blood of Alcartra Polkadot, her best daughter Lyndon Alcartra Polkadot, Pietje 22d, and Grace Fayne 2d Homestead. These four cows and thirteen of their daughters and granddaughters butter records for 7 days average 32.29 lbs. His young sons out of large producing dams are for sale at Maplemont Farm.

**J. W. PRENTISS & SON**

**ALSTEAD, N. H.**

**YOUNG BULL BY A 31-LB. SIRE**

**FOUR YOUNG BULLS by a 23.75-lb. sire All have excellent A. R. O. dams.**
**TWO HEIFERS bred by 31-lb. sire.**
**TWO HEIFERS bred to 23.75-lb. sire.**
**Visit the Belvoir Farm and select your next Sire and buy a Heifer.**

**BELVOIR FARM LAKE GENEVA, WISCONSIN**

**WAUSEONA HERD**

Headed by
SIR KORNDYKE QUEEN NO. 55993.
Herd numbers 100 head
Good stock of both sex for sale
COME AND SEE US

**BURR BROTHERS, WAUSEON, OHIO**

**Breeding for Production and Individuality?**

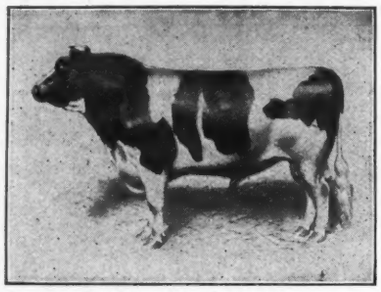
**If This is Your Standard You Will Be Interested in**

**De Kol Paul Cornucopia King 71071**

Who now has 9 A. R. O. daughters that average over 15 lb. butter at an average age of 24 months. They are a milky lot, and are winners in the show ring. "Paul" was twice a first prize winner (once Junior Champion) at New York State Fair, and has been a consistent winner at Minnesota also. He is the best son of the wonderful sire and show bull, Aaggie Cornucopia Johanna Lad Jr. He is a full brother to the World's Champion two and three-year-old milk producer De Kol Paul Cornucopia. Offered at a great bargain and for no fault. Write for details.

**GRAHAMHOLM HERD**

**W. J. BOYNTON, Mgr. Rochester, Minn.**



# A SPLENDID 30-LB. SON OF KING OF THE PONTIACS

We offer a son of the peerless sire, King of the Pontiacs, from Jacoba Hartog Canary, who has records of 30.81 lbs. in 7 days; 119.59 lbs. in 30 days. Her last three records average over 29 lbs. She has further proven her quality by producing a 29-lb. cow, and a 23-lb. four-year-old. She is a daughter of Canary Mercedes Alban (2 30-lb. daughters), and something of her quality may be judged from her photograph published in the June 26 issue.

The bull himself is a good individual, more black than white, and ready for service.

Is this the bull you have been looking for?

**LAMB & LANGWORTHY**
**EAST HAMILTON, N. Y.**

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## THE WOLVERINE HERD

Is headed by Judge Walker Pietertje, who was by King of the Black and Whites and from a daughter of Mary Walker Pietertje (31.81 lb.), the only 31-lb. cow having two 30-lb. daughters and a 32-lb. dam. We offer some finely bred heifers in calf to the Judge, also some splendid young bulls sired by King Korndyke Hengerveld Ormsby, from high record dams.

**W. W. SPRAGUE, Secretary, BATTLE CREEK, MICH.**

---

**SONS OF HERD SIRE**

## Uneeda Korndyke Abigail Boy 102287

He is a son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb. bull, Johanna McKinley Segis, son of King Segis.

Offer No. 1—Bull born in June from a 24½-lb. cow.
Offer No. 2—Bull born in March from a 20-lb. cow.
Also a number of younger cows.

**HENRY ANTHES, Jefferson, Wis.**

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# 2—Ready for Service—2

Sired by King Cornucopia Sadie Vale No. 83371. Look at his cut in Jan. 30 issue. His sire is Aaggie Cornucopia Johanna Lad Jr., the greatest prize winner and sire of prize winners of the breed. He now has 37 A. R. O. daughters.

King Cornucopia Sadie Vale's dam is Sadie Vale Pietertje, A. R. O. at 5 years, 73 days after calving, 33.21 lb. butter in 7 days, 136.21 lb. in 30 days 104 b. milk in one day, 702 lb. milk in 7 days, 2941.9 lb. in 30 days; in one year 1050.70 lb. butter, 21446.80 lb. milk. She has a 3-yr-old daughter A. R. O. 25.13 lb. butter in 7 days. A ¾ sister made 1041 lb. butter in 30 days, 24190 lb. milk in one year (World's Milk record). King has sister that has just made 28.25 lb. butter in 7 days. She has two daughters that average 29 lb. butter in 7 days.

No. 1—KING CORNUCOPIA DROSKY. Born Feb. 1, 1914; well grown; 2-3 white. His dam and sire's dam average 30.80 lb. butter in 7 days, 112.40 lb. in one day. His dam made 121 lb. milk in one day, 747 lb. in 7 days.

No. 2—KING CORNUCOPIA SADIE. Born Jan. 1, 1914; fully ½ white. His dam and sire's dam average 27.51 lb. butter in 7 days, 113.17 lb. butter in 30 days. Average one day's milk record, 107.50 lb. His dam gave 111 lb. milk in one day.

These two bulls carry 50 per cent of the blood of Aaggie Cornucopia Johanna Lad Jr. They are fully as good individuals at the same age as their sire and grandsire. They are closely related to all the animals whose cuts appeared in the issue of Jan. 30-Feb. 13.

Mr. Breeder—If you like the looks of these animals, get a bull that will breed some like them. If you have sloping animals get one of these bulls to straighten out the offspring. If you have nice, straight animals, get one of these bulls to keep them straight. They have been bred right for generations. They have been bred for large milk and butter records for generations. Their ancestors have won many prizes at the leading fairs of the world. The herd numbers 75 animals; every one straight as a line; all closely related to the cuts in the Jan. 30 and Feb. 13 issues. If you want a bull that will give satisfaction, write for tabulated pedigree.

**M. S. NYE, Preble, N. Y.**

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**FOR SALE—HEIFER CALF**

Light color; full sister made 18.25 lb. butter in 7 days A. R. O. at 1 yr 11 mo.

Sire: Elmwood Beets Korndyke, a 25-lb. bull, who has 8 A. R. O. daughters. Dam of calf a well bred granddaughter of King Segis. Price $150.

**Geo. T. McNeil, Theresa, N. Y.**

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Up-to-Date

**TYPEWRITTEN PEDIGREES**
**SEVENTY-FIVE CENTS EACH**
**SALE CATALOGS $2.50 PER PAGE**

Give name and number of sire and dam of animals having numbers above 239354 in cows and 132639 in bulls.

**F. G. JOHNSTON**
37 W. Lane Ave. Columbus, Ohio.

---

**FOR SALE** Some good grandsons of Colantha Johanna Lad from high record cows. One is a son of a 27-lb. cow and is ready for immediate service. For pedigrees and prices, write

**THE WALLACE HOLSTEIN CO.,**
**R. E. Buell, Mgr Wallingford, Conn.**

---

## Cheap

Bulls with World's record blood on both sides. Write for pedigree and price.

**Harold F. Hubbs Kirkville, N. Y.**

---

## SON OF A 26-LB. COW FOR SALE

The dam, Daisy Clothilde Burke 86701, has a record of 26.03 lb. butter, 571.8 lb. milk.

In Cow Testing Association she produced in a year 12,880 lb. milk, 508.63 lb. butter.

The sire, Woodbine Pontiac Hengerveld, a wonderful show bull, was by a 31-lb. son of King of the Pontiacs, and from a 28-lb. 3-yr-old daughter of King Segis Pontiac; next dam a 27-lb. cow. The average for his dam, and the four nearest dams of his sire, is 29.95 lb. The calf was born Jan 15, 1915, is about evenly marked, and is a splendid individual. Here is a good bull at a low price. Write for full particulars.

**E. A. Whitford, Whitford Homestead Herd, Adams Center, N. Y.**

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## $50,000 Bulls for Sale?

No, we have no $50,000 bulls for sale but can offer you a 2-months-old son of King Segis Pontiac Alcartra, the $50,000 bull, and from a daughter of a 31-lb. sire. We also have a few grandsons of King Segis Pontiac Alcartra from A. R. O. dams from $75 up. Write for photos, pedigrees and prices. State about what you are in the market for.

**J. H. PHELPS & SON**
**Cresdale Farm Vernon, N. Y.**

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**FOR SALE—Grandsons of**
**TIDY ABBEKERK PRINCE 37770**

Who has seven 30-lb daughters.
I. Yearling; dam has 20.045 lb. butter, A. R. O. at 3 yr.
II. Yearling; dam has 18.944 lb. butter, A. R. O. at 3 yr.
III. Yearling; dam has 16.738 lb. butter, A. R. O. at 2 yr.
All sired by Dutchland Empress Sir Hengerveld whose grandsires are Pontiac Korndyke and Hengerveld De Kol.
Geo. F. Blewer Estate, Newark Valley, N. Y.

W. W. Wyckoff, Napoleon, Mich., writes calling attention to the superior breeding of his herd sire, Maplecrest De Kol Burton, who was by Friend De Kol Butter Boy and from Maplecrest Pontiac Jennie, a daughter of Pontiac Aaggie Korndyke. The sire is the only bull in the World having three daughters with records of 1200 lb. butter each in one year. It can be further said that each of these three cows is the dam of a 30-lb. daughter. The dam's sire, Pontiac Aaggie Korndyke, not only has 12 30-lb. daughters but he has two daughters with year's records above 1200 lb. each which gives the sire and grandsire of Mr. Wyckoff's bull together five times as many 1200-lb. daughters as belong to any other sire.

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Ashley S. Johnson, President of Johnson Bible College, Kimberlin Heights, Tenn., writes:"I am in receipt today of a pedigree of King Segis Pontiac Alcartra in which I am especially interested as I happen to be the owner of King Segis Pontiac Alcartra 2d. My bull is, I think, in shape, the equal of his sire in every way but is decidedly more white than his sire He is destined soon to occupy new quarters in the barn that we are now building which is to be one of the best dairy barns in the South.

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L. M. Wakley, Sec'y McHenry Co. Holstein Breeders' Ass'n, Harvard, Ill., writes that in the October Sale to be held under the auspices of this association Mr. George B. Baker, Woodstock, Ill., is to consign his entire herd of thirty-two head. Only two of the cows in the herd have been officially tested. One of these, Lady Ideal Aaggie 3d, made a record of 522.1 lb. milk, 24.76 lb. butter in 7 days. Most of the cows in the herd are bred to Sir Aaggie Woodcrest De Kol, a son of the cow named and sired by Woodcrest Hengerveld De Kol.

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JayW. Lee, Cazenovia, N.Y., writes: I have sold my entire herd, with the exception of seven females and my half-interest in a son of King Segis Pontiac Alcartra, to Mr. Hugh P. Fox of Cazenovia, N. Y. This lot of 17 head includes 3 cows with records from 22.50 lb. to 23 lb., one 20-lb. 4-yr.-old granddaughter of De Kol 2d's Butter Boy 3d from a daughter of Sir Korndyke Manor De Kol, another 19-lb. granddaughter of Sir Korndyke Manor DeKol and her 4 daughters,one of these daughters by Governor Walker 2d, he from Governor Walker and a 27-lb. 3-yr-old daughter of King Segis has a record at 2½ yr. of 17.58 lb. butter; another daughter of this same cow with a record at 2 yr. 2 days of 14.72 lb. He also has 4 granddaughters of the great cow, Maid of Salem Center De Kol, 30.07 lb. butter in 7 days and 105 lb. milk in one day. He has 2 granddaughters of the 27-lb. cow, Netherland Korndyke Clothilde, who made


MAPLE LANE FARM

Herd sire, King Segis De Kol Fayne, No. 67127. He is one of the good sons of King Fayne Segis. Dam is a 25-lb. daughter of the great Johanna Rue 3d's Lad 26939, who sired Finderne Pride Johanna Rue, the new Dairy Queen. Young bulls for sale from A. R. O. cows.

Zeitler & Wenrick, R. F. D. 5
South Bend, Ind.

# WALCOWIS FARMS

**Offer the 2-yr-old bull**

## WOODCREST PIETJE WALKER

**Born Nov. 11, 1912**

**A Superior individual, very deep bodied and large, weighing 2000 lbs.**

Sire—Pietje 22d Son, whose 18 A. R. O. daughters average 20.25 lbs. at an average age of 2 yrs. and 7 mo. His first 4-yr-old daughter to freshen recently made 32.01 lb.

Dam—Isabella Clothilde Walker, one of the greatest producing and transmitting cows of the breed, with 27.66 in 7 days, and 987.75 in 365 days. 5 A. R. O. daughters including Lottie Walker Spofford, the only cow to make 4 30-lb. records.

Write now for pedigree and price.

**NATHAN DICKINSON & SON**

**Lake Geneva, Wis.**

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## Sir Johanna De Kol Welsrijp No. 158090

**Born June 3, 1914**

A show bull of quality and breeding. Sire, Pledge Duke De Kol Welsrijp, who is a son of Nancy Pledge Princess, 32.40 lb. butter, 716 lb. milk; 132.82 lb. butter and 3052.86 lb. milk in 30 days. Dam, Johanna Concordia Bleeker De Kol. Butter at 1 yr., 11 mo., 21.40 lb. Milk 471.76 lb. The price will sell him quick.

**15 good young cows bred** to Duke Ormsby Pietertje De Kol 2d, a son of Lindenwood Hope, the senior champion 4-yr-old, year record butter cow.

**7 fine 2-yr-old heifers** all bred to the above bull. This is a chance to get just what you are looking for. This ad. will appear but twice.

**L. E. CONNELL**

**Fayette, Ohio**

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# King Walker Segis 2d

## 102844

**Six of Whose Nearest Dams Average Over 30 lbs.**

**SIRE: King Walker Segis. DAM: Betta Lyons De Kol**

**BULLS FOR SALE:**

1—Born Nov. 13, 1913; color more white than black. Dam' record 24.93 lb. Price $125.

2—Born Nov. 1913; color 90% white. Dam's record 27.87 lb. butter, 596 lb. milk. Milk one day 94.6 lb. Price $300. Satisfaction guaranteed.

**W. H. CANDEE**

**Green Ridge Farm Waterville, N. Y**

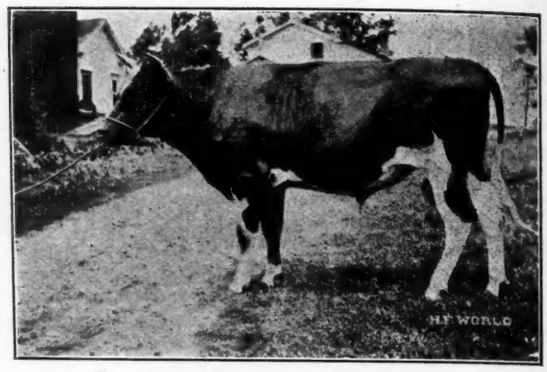
# DISPERSAL SALE OF A LEADING MICHIGAN HERD

In the complete dispersal of Mr. Frank Sutfin's herd of close to 70 head, on the farm of the owner, near Battle Creek, Mich., on Sept. 8, will be offered

## THE LARGEST AND BEST HERD IN MICHIGAN

ever sold in public auction.

In the herd are cows with records of 32.70 lb., 29.53 lb., 27.08 lb., 25.68 lb at 4 years, 20.67 lb. at 2½ years, 20.03 lb. at 2½ years, etc.




### SENIOR HERD SIRE
### SIR PRILLY HENGERVELD, 51509

His growing list of daughters includes:—

Prilly Ladyvine Hengerveld.....3½ y 29.53
Wolverine Prilly Segis.....2½ y 20.03
Wolverine Prilly Countess.....3½ y 19.24
Wolverine Prilly Veeman.....2 y 17.75

He was by Judge Hengerveld De Kol and his dam is Prilly Princess, a distinguished daughter of Prilly and one of the great transmitting cows of the breed. She has two 30-lb. daughters, another 29.31 lb. and still another 24.91 lb.

### JUNIOR HERD SIRE
### MAPLECREST APPLICATION PONTIAC
### No. 132652. BORN MARCH 28, 1914

A three-fourths brother to the former World's Champion, Banostine Belle De Kol (13.22 lb. butter in one year). He was by Friend Hengerveld De Kol Butter Boy (who has three daughters with records of 1203 lb., 1247 lb. and 1322 lb. butter in a year); and his dam is Maplecrest Pontiac Application, a 35-lb. daughter of Pontiac Aaggie Korndyke (12 30-lb. daughters) and Banostine Belle.

BOTH HERD SIRES WILL BE SOLD

All the females of breeding age in the herd have been bred to one or the other of these sires.

In the herd are close to two dozen daughters of Sir Prilly Hengerveld.

An important feature of the herd is a splendid group of yearling heifers, from dams with records up to nearly 33 lb.

Every animal old enough will be tuberculin-tested by a state-approved veterinarian.

Write for catalog to:

## E. M. HASTINGS, Sale Manager
## LACONA, N. Y.

109 lb. in 30 days and gave 2605 lb. milk. Another good one is a 20-lb. 4-yr-old daughter of Aaggie Cornucopia Pauline Count 7th and her heifer calf by a son of King Segis Beets. 11 of these cows and heifers are bred to my herd sire, King Segis Buttercup De Kol, he from King Segis Pontiac Alcartra and a 17.37-lb. daughter of the 31.52-lb. cow, Buttercup De Kol Netherland.

Mr. Fox has a sire of excellent breeding to use on these good cows, he by King Segis Pontiac Alcartra and from a 19.82-lb. daughter of Karel Korndyke, brother to Pontiac Korndyke.

Mr. Fox is located 3 miles west of the beautiful village of Cazenovia on one of the best alfalfa farms in Onondaga County. Mr. Fox has been very successful with grade Holsteins and, with his large and roomy barns and his good judgment in selecting a foundation herd, he is sure to make good.

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Auray Farms, Sparta, N. J., write: "Although inquiries slack off at this season, we have recently closed a number of sales. A fine bull calf goes to Mr. M. H. Bowman, of Woodstock, Virginia, to head his herd. This youngster is by our King Segis Pontiac Clorinda, his dam being our Auray Alexia Pietertje, a young A. R. O. daughter of Mutual Pietertje Paul, and will be shipped at once as we have just received permit to ship into Virginia. This is one of the handsomest individuals that we have ever seen, and will be a splendid herd header when his dam makes her mature record. Another remarkably fine bull calf goes to Mr. A. C. Tipton, owner of "Apple Tree Farm," Sparta, N. J. This young sire is a grandson of the King of the Pontiacs on the dam's side (the dam being an as yet untested daughter of that great bull) and also a grandson of the same famous sire through K. P. Clorinda, dam of our King Segis Pontiac Clorinda. Mr. Tipton is just commencing with pure breds and wanted to start with the best. We regard the breeding and individuality of Mr. Tipton's purchase so highly that we have retained an interest in him, believing that the dam will develop into a great cow.

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G. H. Truckell, Sec'y Holstein Sales Co., Elgin, Ill., writes: "Owing to previous engagements of some of the auctioneers it has been decided to change our sale dates. Our sales will be held at Elgin, Ill., on the 5th and 6th of October and at Cortland, N. Y., on the 14th and 15th of October and the Green County Breeders' Sale at Monroe, Wis., will be held the 20th and 21st of October. We trust you will correct this in your calendar of sale dates."

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Jacob Todd, Jr., Sec'y Somerset Holstein Breeders' Co., Somerville, N. J., writes: "Since reporting our recent sales to your valuable paper we have within the last few days sold the bull


**WANTED** A customer for five defective cows. Two have A. R. O. backing. Bred to a son of Pontiac Korndyke. Here is a good opportunity for a beginner. Price too low to print.

Ideal Dairy Farm Brown Bros.
Canton, St. Lawrence Co., N. Y.

# EMBLAGAARD HERD

**Sires in service:**

**Colantha Johanna Champion 45674.** The proven son of Colantha 4th's Johanna.

**Emblagaard Prince 80596.** A son of Segis Walker Pietertje, 27.85 lbs. at 3½ years. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs., are two of the only 30-lb. cows of the breed that have produced 30-lb daughters, that have also produced 30-lb. daughters.

**EMBLAGAARD DAIRY BIG BAY, MICHIGAN**

S·S·S S·S·S

THE "ELGIN" POCKET HERD REGISTER

Needed by every cattleman and herdsman.
Just the right size for your coat pocket.
Tells what your visitor wants to know about your cattle when you need the information.
Easily kept up. Neat, attractive, handy. Several styles to suit all pocketbooks. Send for full particulars and sample sheets.
Just one of the Breeder's Helps to be obtained from

HOLSTEIN SALES COMPANY
102 West Chicago St., Elgin, Illinois.

Suppliers of
Certificate Envelopes, Test Books, Pedigree Blanks, Catalogs, and
Satisfactory Sale Service.

S·S·S S·S·S

## A PROVEN BULL FOR SALE

Johanna De Colantha Champion No. 60574, born March 9, 1909. The average record for his dam and sire's dam is, butter 31.39 in 7 days, 121.31 in 30 days. A 3-yr-old full sister just completed a record of 25.9 in 7 days. 17 A. R. O. daughters, 7 that have finished semi-official yearly records, 5 on yearly test now. Sold 5 of his daughters one year ago at an average of $800. He will have 25 or more yearly tested daughters in my herd.

Also bulls of serviceable age out of semi-official yearly record dams.

JOHN ERICKSON R. R. 2. Waupaca, Wis.

## One of the Best Sons of a Great 33-lb. Sire

Both young bulls advertised last time are sold.

Here is another—This one, born Dec. 25, 1914, is also by our herd sire

PRINCE KORNDYKE PONTIAC 94632

who has a 33.76-lb. dam, and carries 75 per cent of the blood of Pontiac Korndyke. The dam of this calf is Pauline Prilly of Russell Farm 118057, one of the best individuals in my herd, and a daughter of the 30-lb. sire, Artis De Kol Walker. Following are her records:

Butter 7 days ..... 25.56 lb.
Milk 7 days ..... 641.4
Best day's milk ..... 95.0

This is the sort of a bull we are pleased to recommend, being from a heavy milking, splendid individual dam, and by a sire that has few equals.

PONTIAC KORNDYKE BREEDING STAYS AT THE FRONT

Here is your chance to get a good one at a reasonable price. Send for complete information.

**HUGH J. DAVIS**

**Maple Ridge Herd : Broadalbin, N. Y.**

# FOR SALE--BULL CALVES

## No. 1

Born Oct. 23, 1914; ¾ white; grand individual. Sired by King Pontiac Mayflower, one of the very best sons of King of the Pontiacs. Dam has 27.62 lb.—a daughter of Changeling Butter Boy. Price $300.

## No. 2

Born Feb. 9, 1915; ¾ white. One of the best of individuals, sired by same sire as No. 1. Dam is a 21-lb. 4-yr-old daughter of Tidy Abbekerk Prince and we believe she will make a large record for us this winter. Price $150.

## No. 3

Born Dec. 23, 1914; about ½ white. Dam and sire's dam average over 26 lb. Price $100.

These calves are well grown and are ready this minute to lead in a show ring.

**H. M. DUNHAM & SONS, MARCELLUS, N. Y.**

# Hot Cakes Don't Last Long

Neither do the sons of Changeling Abbekerk Prince when nearly ready for service. I have two classy young fellows from A. R. O. cows I will offer for $75.00 if taken soon. Send for photo and pedigree.

**$75 ROYCE STOCK FARM $75**

**F. W. ROYCE, BERKSHIRE, N. Y.**

## MARBLE VALLEY STOCK FARM

Offers bull calf born Feb. 2. Sire: Fairview Korndyke Lad, son of Pontiac Korndyke and Pontiac Pet 37.68 lb.

Dam: a 22.90-lb. cow that has a 25.77-lb. dam that has a junior 3-yr-old with 27 lb Calf's dam, grandam, sire's dam and three of her sisters average 32.96 lb. each.

Calf is evenly marked; a dandy and guaranteed to please. Price $250.

**ROBERT F. MEAD WEST RUTLAND, VT.**

# KING MASSASOIT

THE BULL THAT WILL MAKE "MASSASOIT" FAMOUS

FAMILY THE BEST

INDIVIDUALITY SUPERB

My first offspring is a princess and a credit to the Royal Family.

Write to my owners about some very fine bulls that will be sold at bargain prices to make room.

My home is in Pennsylvania.

**CRYSTAL SPRING FARM**
**G. Smith & Sons, Inc.**
**Seelyville**

**KNOB HILL FARM**
**T. B. Clark**
**Honesdale**

**10 TO 20 HEAD—FOR IMMEDIATE SALE**

Well bred females of good ages—both cow and heifers; bred to better than 30-lb. bulls; priced right. Speak quick.

Fred Manning, Oaken Bucket Farm, R 1, Waverly, N. Y.

**FAYETTE DAIRY OFFERS SOME GOOD BULLS**

Two ready for service sired by King Hengerveld Segis whose dam is a 30-lb daughter of King Segis and whose sire is a son of Hengerveld De Kol. The dams of these bulls are great dairy cows having good A. R. O. records. Also a number of KORNDYKE bred bulls ranging in age from two months to one year. These bulls are good individuals.

D. H. Yaukey, Fayetteville, Pa.

**BULL CALVES FOR SALE**

No. 1—Born Aug. 17, 1914, mostly white. Sire, a son of King of the Pontiacs. Dam, Beauty Paul Pietertje 18.25.

No. 2—Born Sept. 9, 1914, nicely marked. Sire, a son of King Pontiac Calypso, the best son of King of the Pontiacs. Dam, Queen of Fort Hill Clothilde 2d Lass 16.63. Prices reasonable.

E. A. Martin DeWitt, N. Y.

**FOR SALE**

6 two-year-old heifers coming three and 1 cow. All A. R. O. with records up to 15 lb. as two-year-olds. $1400 will take the 7; also a few bull calves from 1 to 6 months from good A. R. O. cows.

A. C. Thoreson, Baldwin, Wis.

**PROVEN HERD SIRE—FOR SALE**

Canary Jessie Fobes No. 82958.

Dam—Jessie Fobes 7th 25.63 lb. daughter of Piebe De Kol Burke.

Sire—Canary Paul Fobes Homestead.

Sire's Dam—Jessie Fobes Bessie Homestead 34.96 butter.

S. H. BIRD
South Byron Wis.

**20—HOLSTEIN BULLS—20**

Rich in the blood of Pontiac Korndyke, Colantha 4th's Johanna, De Kol 2d and Hengerveld De Kol the best of the breed.

One whose dam and grandam both have records of over 31 lbs., 7 days, one son of Pontiac Korndyke. Also a few cows, bred to a son of Pontiac Korndyke.

WM. N. OSBORN
Box 700 Wanatah, Ind.

**SPRING BROOK STOCK FARM**

Offers for sale Prince Judith Pontiac De Kol No. 115568. Son of Prince of the Pontiacs and a grandson of King of the Pontiacs; 3½ years old; 9-10 white; extra long, broad and straight as a line and pretty as a picture. Weighs about 1600 lb. Also two of his sons three and four months old; more white than black; extra well grown and are beauties. Will be sold cheap to some one. We have no pasture for them. Bame Bros., Castleton, N. Y., R. F. D. 2.

**FOR SALE—ORMSBY PRILLY BULLS**

Beauty Pietertje Prince, 14 A. R. O. daughters, headed Mr. Hartshorn's herd. His sons head herds owned by A. W. Morris & Sons, Woodland, Cal., Mr. Cortelyou of New Jersey and others. Two serviceable sons from sisters to Pietertje Maid Ormsby, with records, 16.25 and 23.30. Price $150 and $300; good individuals, light color. Four dams average 26.42, 7 days.

C. B. REDDELIEN, North Lake, Wis.

**RIVER VALLEY STOCK FARM**

Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.

These calves are beauties and priced right.

John Dehmlow, Algonquin, Ill.

Johanna King Segis 5th No. 140775, who is a grandson of the 40-lb. cow Johanna De Kol Van Beers to Miss Sarah Voorhees Clark, Proprietress of Over Look Farm Herd of Holsteins located at Middlebush, N. J. Miss Clark has not only secured a very excellent bred animal but a very good individual as well to head her herd which is composed of numerous females that are very nicely bred."

C. H. Baldwin, Sup't Carnation Stock Farm, Monroe, Wash., writes: "Forward Somerset Duchess 167221, our junior 4-yr-old that produced 28.31 lb. butter from 725 lb. milk, thereby winning the Association's first prize as milk producer in her class, is being continued on official test which shows some interesting figures. Following is her production by months:

First thirty days, 2840 lb. milk, daily average 94.5 lb.
Second thirty days, 2859 lb. milk, daily average 95.3 lb.
Third thirty days, 2847.9 lb. milk, daily average 94.9 lb.
Fourth thirty days, 2758.2 lb. milk, daily average 91.94 lb.
Fifth thirty days, 2633 9 lb. milk, daily average 87.8 lb.
Sixth thirty days, 2589.3 lb. milk, daily average 86.3 lb.
Total for six months 16,528.3 lb. milk daily average 91.8 lb.

Forward Somerset Duchess is not only a persistent, high-producing heifer, but she is a great cow individually, yet weighing but 1100 lb. She has produced during the first six months of her present lactation period, approximately eight and one-quarter tons of milk which is fifteen times her own weight and equal to 194.5 forty-quart cans of milk.

We are also pleased to report another World's Record. Inka Princess Mutual De Kol, No. 65425, while on official test at past thirteen years, has produced 707.0 lb. milk in 7 days, her best day being 108.2 lb. Her best seven-day butter record at this age is 28.49 lb. A cow that can produce 33.25 lb. butter from 711.9 lb. milk in seven days and as high as 120.8 lb, milk in a single day, which Inka Princess Mutual De Kol did when in her prime, and remain a regular breeder and be able to come back with the record she has just made, is the ideal cow. At the present freshening she dropped a fine heifer calf, sired by our senior herd bull, Ollie Johanna Sir Fayne. The average of this heifer's dam and sire's dam is 32.175 lb. She is also the dam of our junior herd bull, Forward Prince Segis No. 125061, which we consider one of the best young bulls, both in breeding and in individuality. His grandam on his sire's side is a 20-lb. two-year-old daughter of King Segis. His next four nearest dams average 617.3 lb. milk and 30.95 lb. butter in seven days. Forward Prince Segis is producing us some fine calves which bid fair to do justice to this coming sire.


**FOR SALE**

One ten-year-old cow, sound and right in every way, A. R. O. 21.10 butter, 7 days. Hengerveld breeding, safe in calf by a bull out of a 30 lb. dam. Also a four-months bull whose two first dams average 25 lbs., the pair for $300. Photo and breeding on application. Others for sale.

H. T. Fuller, R. 2, Peru, N. Y.

# Davisdale Consignment

TO THE

## NEW YORK STATE BREEDERS SALE

## Syracuse, N. Y., Sept. 3-4

**3 daughters of King of the Pontiacs**

One is out of a 31-lb. granddaughter of Pontiac Korndyke; one from a 23-lb. daughter of Lord Netherland De Kol; one from a 20-lb. 4-yr-old daughter of Sir Segis Korndyke Walker.

1 19-lb. 2-yr-old daughter of the 35-lb. sire, Ormsby Korndyke Lad
1 daughter of the $15,000 son of the 44-lb. cow.
1 daughter of a 33-lb. son of Pontiac Korndyke.
1 daughter of King Segis Beets.
1 daughter of Sir Segis Korndyke Walker.
1 granddaughter of King of the Pontiacs and Pontiac Korndyke
1 son of Korndyke Abbekerk.

Nearly everything bred to Korndyke Butter Boy.
Is this the kind you want to own? Come and look us over.

## HARRY B. DAVIS

**Chester, N. Y.**

# For Sale

## Twenty-six Pure Bred Holstein Cows and Heifers

The entire herd of pure bred Holstein cows belonging to the Special School Farm, Gary, Indiana, is offered for sale. This herd consists of a number of A. R. O. cows and daughters of tested cows from bulls of unexcelled breeding. The herd bull is a son of Cow Will Hazel Mercedes De Kol, the three-year-old cow that produced 504.3 pounds of milk and 25.847 pounds of fat.

Complete information may be secured upon request. Write or call on

**A. H. BELL, Auditor City Schools**

**Phone 405** **GARY, IDIANNA**

**W. C. HUNT'S HERD, Fayetteville, N. Y.**

## OUR HERD SIRES

**King Pontiac Jewel, No. 55753**
**Pietertje Hengerveld Segis, No. 44781**

Have been exploited to you in each "WORLD" issue during the past 4 months.

I now wish to offer to you a few **choice sons** of the above 2 Herd Bulls that are out of **high grade A. R. O. dams.** Also a few choice young cows and heifers that are bred to "Our Herd Sires". **Come and see us. Herd numbers over 100 head**

## W. C. HUNT, Fayetteville, N. Y.

**N. B. Trolley direct to farm; one-half hour from Syracuse, Bell 'phone**

# FIRST GREAT ELGIN SALE

## ELGIN, ILLINOIS, OCT. 5th---6th

**THE CONSIGNORS INCLUDE SUCH BREEDERS AS :**

**Geo. E. Van Hagen**
**H. F. Bandemer**
**T. E. Getzelman**
**G. H. Francisco**
**R. E. Haeger**
**John Dehmlow**
**C. L. Bratzler**
**J. L. Mason**
**E. W. Wing**
**A. W. Haeger**
**Alonzo Mann**
**C. W. Harrison**

**OCTOBER 5th and 6th**

**175 HOLSTEINS**

The cows are choice individuals, many with large records and bred to bulls whose services command large figures.

The young stock are sired by leading bulls and from dams whose records in official and semi-official work are noteworthy.

The young bulls are fit to head any herd and are backed by generations of transmitting sires and producing dams.

All over six months old Tuberculin Tested. Certificates furnished.

The transportation and shipping facilities of Elgin are unsurpassed. Only 37 miles from Chicago, with two lines of the Chicago and North-Western, the main line of the Chicago, Milwaukee and St. Paul, and the Aurora, Elgin & Chicago electric railroad running through town, Elgin is readily accessible from all directions. Another electric road connects at Coleman, Ill., with the Illinois Central, and other electric roads run to neighboring towns. Fare from Coleman to Elgin is ten cents. There are four express companies in operation in this town.

The new Sale Pavilion is expected to be ready for this sale, and when you come to see it, we believe your judgment will be that it is the best in the country.

The auctioneers will be Haeger and Mack.

For catalogs write early to

## HOLSTEIN SALES CO.

**102 WEST CHICAGO STREET** **ELGIN, ILLINOIS**

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## HOMEWOOD FARMS

**RYE, NEW YORK**

**The 2-year-old bull we offered recently has been sold.**

We now offer the following young bulls
Ready for Service.

1. Born Sept. 28, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Gretchen Hengerveld Pietertje, No. 79405.
2. Born Oct. 13, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Netherland Nemesis De Kol 2d Lass No. 129936.
3. Born Dec. 22, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Blanche of Stony Ridge, No. 154569
4. Born Nov. 1, 1913.
   Sire—Dummerston 36, No. 105043.
   Dam—Londonderry Allons Lyons, No. 131426.

These bulls are all well bred and splendid individuals. We hope to give their dams records in the near future.

The dam of Prince Ormsby Beets, **Manor De Kol Lady Burke 3d, No. 79931,** has an A. R. O. record of24.81 lbs. He is by **Paul Beets Colantha, No. 48269,** who has 12 A. R. O. daughters, one with a 30-lb. four-year-old record.

Dummerston 36 is by the great **Admiral Walker Gelsche, No. 44227.** His dam is a three-quarter sister of the dam of the World's record cow.

**Admiral Walker Gelsche,** is our Senior Herd Sire.

Herd regularly tested for tuberculosis.

**Richard T. Wainwright, Rye, New York**

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**Look! Read! and meditate upon this great bargain!** Willowdale offers bull calf, born April 17, 1915. He is large, straight and square as a die, a little more black than white. His sire is a son of the great century sire, Homestead Girl De Kol Sarcastic Lad, who has 106 A. R. O. daughters. The dam is a large producing granddaughter of the famous sire, Paul Beets De Kol, with 105 A. R. O. daughters. Pedigree and photographs for the asking. Every animal in calf's pedigree has an official record except one. First check of $60 delivers this calf at your station, anywhere in the U. S. **W. B. Jewett, Evans Mills, N. Y.**

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**KING SEGIS PATENT LOCK**

**Ear Tags, Bull Staff and Rings.**

Description and prices sent on application. 500,000 of these ear tags have been sold without adverse criticism. 500 of these Bull Staffs are used by the best breeders in the business.

**H. A. MOYER, Syracuse, New York**

# Thought We Had Told You All About It? No!

We did try in last week's issue to give you an idea of the high quality of the offerings but could only introduce our subject, for

## THE WATERTOWN SALE

is a sale of higher character than has ever before been held in northern New York. In nearly 100 head to be sold the

### 60 DAUGHTERS and 75 GRANDDAUGHTERS

of great sires and the granddaughters of famous cows, that were mentioned in last week's issue, were in and of themselves enough to warrant your attending this sale.

In some of the herds represented, no official testing has been done, in others only a small number have been tested. For this reason the number of large record A. R. O. cows does not loom up as it should but there are

### 20 A. R. O. COWS

several with records in excess of 20 lb. and there are

### 30 DAUGHTERS

of A. R. O. cows, several with records better than 20 lb.

There are a large number just fresh or soon due to extra good bulls.

There are a splendid lot of young heifers of just the age and type you like to take home and breed, making history for your own bull.

A nice lot of heifers coming with their first calves.

There are a number of nice families, i. e., instances where there are two, three, four or five sisters. Any one of these families would form the nucleus of a great herd or would prove a valuable addition to your herd. There is good money to be made in developing them.

REMEMBER that all animals in the sale are females, that all are unblemished and that all over 6 mo. of age will be tuberculin tested by State approved veterinarians.

REMEMBER, TOO, that the sale will be held at the Jefferson County Fair Grounds

## SEPT. 10, 1915, at WATERTOWN, N. Y

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## Liverpool Sale and Pedigree Co., Inc.

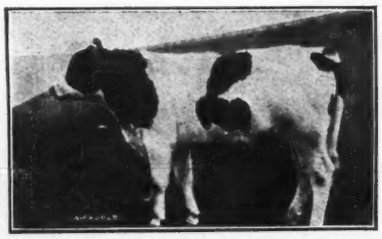
**Sale Managers** **LIVERPOOL, N. Y.**

# A TIDY PICTURE

**75 A. R. O. DAUGHTERS**

**HENRY LATHROP & SONS**
**Sherburne, N. Y.**

**STEVENS BROS. COMPANY**
**Liverpool, N. Y.**



# FOR SALE
# Son of the World's Champion

**Korndyke Hengerveld Segis Johanna 123687**
**Born Dec. 13, 1913**
**Ready For Immediate Heavy Service**

**NOTE THE INDIVIDUALITY**

His dam, Elmside Nudine Segis Johanna is the World's Champion 2-yr-old milk producer in the semi-official yearly division. She has won more Association prize money than any other heifer of her age, and is individually in the same class. What should she do at maturity?

Is this the kind of a cow you want for the dam of your herd sire? There is plenty of breeding back of Korndyke Hengerveld Segis Johanna. If you are in the market for a bull of this class, send for his pedigree, price, etc.

He deserves a place in a good herd.

**Home of the Junior 2-yr-old Champion of the World**

**Cooley Farms**
**owned by**
**The City of Cleveland**

**Address all Correspondence to Jas. A. Reynolds, Supt., Warrensville, Ohio.**

N. B. We would be willing to consider a trade of good, well bred heifer calves, from A. R. O. dams.

# SIR KORNDYKE BURKE MERCEDES

## BORN JANUARY 21, 1914

Here is a remarkable individual with a great ancestry. He has all the qualifications of a show sire and carries a wonderful combination of breeding.

**SIRE: SIR KORNDYKE HENGERVELD DE KOL 26th,**

The National Dairy Show first prize winner 1913. This sire has a dandy lot of daughters due to freshen this year. He has been used on the daughters of SIR PIETERTJE ORMSBY MERCEDES and consequently should have some very good daughters. His offspring are dandies, two sons winning firsts at the National 1914. His only daughter to freshen made 17.4 lb. at 25 months of age. He is by a son of HENGERVELD DE KOL who carries 75 per cent the same blood as King of the Pontiacs and from a ½ sister to the former World's Champion, PIETERTJE MAID ORMSBY. 35.56 lb. 7 days, 145.66 lb. in 30 days.

**DAM: BURKE MERCEDES ORMSBY 173400.**

She has a remarkable record of 21.45 lb. butter at the age of 23 months. She is a show animal supreme, being second at the National Dairy Show 1913 and 1914. She was defeated only by her ¾ sister who had the advantage of age. She is a ¾ sister to Bess Pietertje Ormsby Mercedes, 759.0 lb. milk and 33.15 lb. butter at 3 years, 3 months. The World's milk record for that age. She is sired by SIR PIETERTJE ORMSBY MERCEDES, the son of Pietertje Maid Ormsby, 35.56 lb. 7 days, 145.66 lb. 30 days. World's Champion 1911. This sire has no equal for combining world's record production with show type. Two of his daughters have made World's records. His offspring have won more firsts at the National Dairy Show in the past four years than those of any sire of the breed.

**THE DAM OF BURKE MERCEDES ORMSBY**

is from Spring Brook Burke, a 22-lb. daughter of De Kol Burke. She is the dam of Spring Brook Bess Burke, 34.8; the dam of Spring Brook Bess Burke 2d, 36.1 and Bess Pietertje Ormsby Mercedes, 33.15 at 3 years, 3 months. Two others with over 21 lb. as junior two-year-olds. The average of this dam and two daughters is higher than any similar combination in the world.

**SIR KORNDYKE BURKE MERCEDES**

Carries a combination of high record breeding and show type that is bound to get results. Write for pedigree and photo.

**E. C. SCHROEDER, MOORHEAD, MINN.**



# FOR SALE

## PRILLY WALKER HARTOG

BORN MARCH 7, 1915 — SPLENDID INDIVIDUAL
IDEAL CONFORMATION — NICELY MARKED—MORE BLACK THAN WHITE
Sire—Lewis Prilly Rouble Hartog 2nd.
Dam—Meadow Brook Prilly Genevieve (28.93 lb. at 4 yr.).
(daughter of Sir Prilly Walker)

Concerning the Sire: The animals of the first three generations in his pedigree have produced three families of three generations each of thirty pound cows.

| | Yr. | Mo. | Dy. | Milk | Butter |
|---|---|---|---|---|---|
| **First Family** | | | | | |
| Abby Hartog Clothilde | 6 | 0 | 12 | 605.9 | 31.391 |
| Addie De Kol Hartog | 4 | 1 | 10 | 518.7 | 30.503 |
| Addie De Kol Hartog 2nd | 3 | 11 | 14 | 640.0 | 30.686 |
| Average for 3 generations | 4 | 8 | 12 | 588.2 | 30.860 |
| **Second Family** | | | | | |
| Buttercup Clothilde Pietertje | | | | 576.7 | 32.915 |
| Mary Walker Pietertje | | | | 603.5 | 31.810 |
| Marion Walker Pietertje | | | | 560.7 | 31.630 |
| Average for 3 generations | | | | 546.9 | 32.118 |
| **Third Family** | | | | | |
| Beauty Pietertje | | | | 518.8 | 30.510 |
| Lillian Walker Pietertje | | | | 611.6 | 30.007 |
| Ruby Walker Pietertje | | | | 486.9 | 30.216 |
| Average for 3 generations | | | | 539.1 | 30.244 |
| Average for three families | | | | 591.4 | 31.074 |
| The sire's dam | 4 yr | 1 mo | 10 dy | 518.7 | 30.503 |
| Her dam | 6 yr | 0 mo | 12 dy | 605.9 | 31.391 |
| Her daughter | 3 yr | 11 mo | 14 dy | 640.0 | 30.686 |
| The young bull's dam | 4 yr | 3 mo | 25 dy | 576.6 | 28.928 |
| The dam's sister | 3 yr | 10 mo | 22 dy | 560.0 | 30.125 |
| The dam's sister | 5 yr | 2 mo | 16 dy | 622.5 | 30.160 |
| Average for six | 4 yr | 4 mo | 21 dy | 587.3 | 30.299 |

All breeders must know about Sir Prilly Walker. If you do not we shall be glad to tell you
This young bull carries the blood that produces Thirty Pound Cows.

**MEADOW BROOK FARMS — JOHN C. SHARPE, Proprietor**
**BLAIRSTOWN, NEW JERSEY**

# THIS IS THE LAST TIME

**That we can tell you of the opportunities that are awaiting you in the**

## N. Y. STATE BREEDERS' SALE

### SYRACUSE, N. Y., SEPT. 3d and 4th

In preceding issues we have mentioned the features that distinguish this sale—

The Complete Dispersal of Hilldale Herd. (Every animal in the J. A. Stanton & Son herd, with the single exception of the herd sire, King Segis Beets)—the entire herd to be sold the first day of the sale.

The Best that can be offered from the herds of

Henry Stevens & Son
Harry B. Davis
S. M. Strickland
Smith Brothers
C. F. Hunt

If you have overlooked the exceptional character of the cattle comprising this sale, you owe it to yourself to look through the double-page advertisement entitled, "Opportunity," in the August 21 issue of the World, in which you will find a summary of some of the important offerings.

## A SALE THAT WILL NOT DISAPPOINT

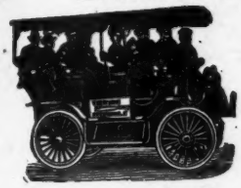
## COME

**AUCTIONEERS—KELLEY, HAEGER, MACK, LEE**

## E. M. HASTINGS, Sale Manager

### LACONA, N. Y.

## Evolution of the Automobile is the wonder of the Twentieth Century



Evolution of the full blood strains leading up to Johanna King Segis No. 71564 is the greatest wonder of the century in Holstein history. He, his two brothers and mother sold for $56,150. You up-to-date breeders, consider this wonderful Johanna strain. Wouldn't this line of 40 pound breeding help your herd?

A call at our farms and a look at this sire and his offspring will be a revelation and if you appreciate breeding and individuality you will take some of them home with you.

Service fee for Johanna King Segis $250.

## Oak Grove and Twin Pine Stock Farms

HOUSLET & McNUTT — OXFORD, WIS.

Address all correspondence to N. Houslet, Oxford, Wis.

## LORENZO FARM

Herd sire—**Lorenzo Pontiac Korndyke**

**THE 31-LB. SON OF THE GREATEST SIRE**

**Carrying 75% of the blood of PONTIAC KORNDYKE**

His dam is Pontiac Queen Korndyke, a 31-lb. daughter of Pontiac Korndyke.
His grandam, a 25.7-lb. cow, has demonstrated her wonderful transmitting power.
Lorenzo Pontiac Korndyke is going to be given an opportunity to show his worth in our select herd.

**Chas. S. Fairchild, Prop., Cazenovia, N. Y.**

**N. B. We can offer a few young sons of Lorenzo Pontiac Korndyke, from good record dams.**

## WOODMONT FARMS

Our consignment to the Madison-Chenango Sale to be held at Earlville, N. Y., September 1 and 2, consists of four choice heifers and a well-bred yearling bull. Three of these heifers have freshened once and are in the advanced registry. Two of them bred to freshen early in winter by Spring Farm Butter Boy whose dam, Tweede De Kol Lass, is also dam of the only 44-lb. cow, K. P. Pontiac Lass. A choice bred yearling heifer also bred to Spring Farm Butter Boy to freshen in early winter. The other female, an A. R. O. granddaughter of Hengerveld De Kol, due to freshen in early spring by a 30-lb. bull. The yearling bull we offer is by our Spring Farm Butter Boy and a 27-lb. dam, making his two nearest dams average 30.82.

**H. C. WOOD - - - Morrisville, N. Y.**

## FOR SALE

Colonel Beets Segis, No. 50517, a 30-lb. proven son of KING SEGIS. Dam, Paul Beets De Kol Girl, record 30.26 pounds. This grand animal is gentle and right in every respect.

I have also a few of his handsome young sons for sale.

**C. S. MULKS, RICEVILLE, IOWA**

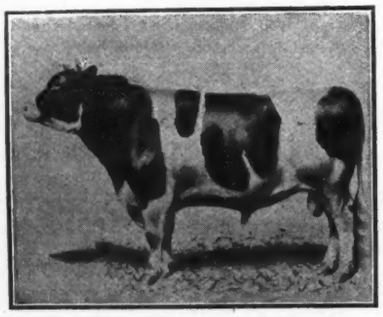
## CEDAR LAWN FARMS

We have now decided to offer for sale our two-year-old bull, Sir Johanna De Kol 39th, who has 75 per cent of the blood of Sir Johanna De Kol, the sire of Johanna De Kol Van Beers. This bull's dam, Cedar Lawn De Kol Johanna 2d made 30.67 lbs. butter in 7 days, 121.4 lbs. in 30 days at 4 years and was sired by a full brother to the sire of Pietertje Maid Ormsby. Her dam Cedar Lawn De Kol Johanna made 25.8 lbs. butter in 7 days at 2 years, 2 months and 707 pounds butter in 1 year at same age. Also a number of yearling and bull calves out of daughters and granddaughters of Sir Johanna De Kol, for sale.

**C. A. SCHROEDER & SONS, West Bend, Wis.**

C. A. SCHROEDER — W. C. SCHROEDER — H. F. SCHROEDER

# KING SEGIS PONTIAC



Did you ever stop and think of the combination of this Great Sire?

Did you ever stop and think of his sire, King Segis, and his seventy producing sons and eighty-five producing daughters including seven all over 31 lb. each? Also the long list of producing granddaughters?

Did you ever stop and think of his dam, Pontiac Clothilde De Kol 2d and her six seven-day records up to eight years old including 37.21 lb. in seven days and 1271.60 lb. butter and 25,318 lb. of milk in a year, and she a daughter of Pontiac Korndyke?

Did you ever stop and think about his sons selling in the public sale rings for more money than those of any other sire living or dead?

Did you ever stop and think of the Great Herds they are heading today and what their future chances are going to be?

Have you looked up the 30-lb. records of his daughters and granddaughters?

**KING SEGIS PONTIAC**

As a First Prize Winner himself, as a sire of choice individuals; as a sire of High Priced Sires; as a sire of producing sons and daughters, is

**IN A CLASS BY HIMSELF**

Holstein History tells you all this but stop and consider it.

**YOUR FUTURE HERD SIRE**

You should stop and study these facts. Head your herd with a son of King Segis Pontiac and you need make no explanations. Everybody knows you are in the front row then. Others are there now.

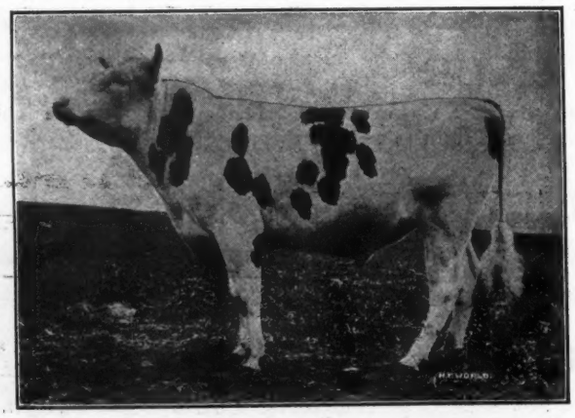
Write your wants. We have them for sale.

**R. E. HAEGER - - - ALGONQUIN, ILL.**

# Michigan to the Front—With a Champion 40 lb. Sire

**THE ONLY SERVICE BULL IN THE WORLD FROM A 40 LB. Jr. 4-yr.-old**

**In Individuality—In Breeding—In Records—Unexcelled by Any—Anywhere**



**King Segis Champion Mobel 122906**

**SON OF THE**

**WORLD'S CHAMPION JR. 4-YR.-OLD**

**Mable Segis Korndyke 161784**

With the following record:

| | |
|---|---|
| Butter 1 day | 6.488 |
| Butter 7 days | 40.36 |
| Butter 30 days | 165.37 |

But one other cow of any age or breed has ever made so much butter in 30 days as this heifer. She produced

| | |
|---|---|
| Milk in 1 day | 100.06 |
| " " 7 days | 610.4 |
| " " 30 days | 2664.4 |

Average two nearest dams:

| | |
|---|---|
| Butter 7 days | 38.35 |
| " 30 days | 152.19 |
| Milk 7 days | 615.25 |
| " 30 days | 2589.93 |

Average four dams, first three generations:—

| | |
|---|---|
| Butter 7 days | 37.78 |
| " 30 days | 148.69 |
| Milk 7 days | 639.7 |
| " 30 days | 2598.20 |

This heifer made for four consecutive periods of 7 days ch an average of 39.48 butter for each seven days.

Not only as the son of the World's Champion Jr., 4-yr. old does this young bull appeal to the Holstein world but his individuality is the best, and his breeding is sur passed by none.

**Approved cows only accepted for service. Send card for terms and pedigree**

**REED & KNOWLES**

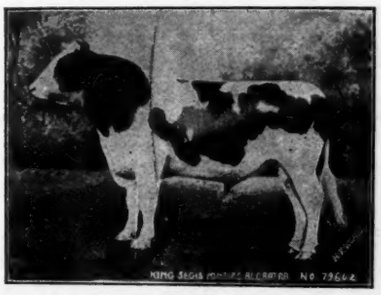
**FAIRLAWN FARM HOWELL, MICHIGAN**

# WHAT ARE THE REQUIREMENTS OF A GREAT SIRE

BREEDING

INDIVIDUALITY

PREPOTENCY



STUDY HIS PEDIGREE

UNSURPASSED

EVIDENCED BY HIS OFFSPRING

KING SEGIS PONTIAC ALCARTRA

## THE $50,000.00 SIRE COMBINES THEM ALL

## HEAD YOUR HERD WITH A SON OF THE GREATEST BULL OF THE BREED

We are offering for immediate shipment a young son of the $50,000 sire. He is more white than black, a calf of splendid individuality. One that will please the most critical.

His dam has a 7-day record of nearly 26 lb. made as a 4-yr-old. He is well backed throughout his pedigree with A. R. O. records.

Pedigree and price gladly sent on application.

## LAWSON HOLDING CO., Inc.

LA GRANGEVILLE DUTCHESS COUNTY NEW YORK

# SPRING FARM HERD

**The home of eleven cows whose records average over 34 lb. their daughters and granddaughters. Son of the great $15,000.00 son of the World's Champion 44-lb. cow, K. P. Pontiac Lass.**

**Spring Farm Pontiac Cornucopia No. 77172. The dams of many of these choice young bulls are daughters of the great Spring Farm King Pontiac, whose first eight daughters to be tested average 21.24 lb. at two years.**

## FRANCIS M. JONES, CLINTON, N. Y.

# ONE GOOD BULL DESERVES

# ANOTHER

Spring Farm King Pontiac 6th is very much alive. His calves are fine, big, square butted, big barreled, regular dairy cows. They please us.

We have just bought a youngster to follow on these daughters of Spring Farm King Pontiac 6th. This young bull is sired by Friend Hengerveld De Kol Butter Boy. You know about him—a son of De Kol 2d's Butter Boy 3d that has made good.

THE SIRE—Friend Hengerveld De Kol Butter Boy has the same combination of blood that produced Hengerveld De Kol, Pietertje Hengerveld's Count De Kol and so many great bulls, i. e., (De Kol 2d, Netherland Hengerveld and Milla's Pietertje Netherland).

Friend Hengerveld De Kol Butter Boy has four 30-lb. daughters each of which has in turn produced a 30-lb. daughter.

Each of Friend Hengerveld De Kol Butter Boy's 30-lb. daughters have made over 1000 lb. of butter in a year; from 21,000 to over 27,000 lb. of milk.

Three of his 30-lb. daughters have made over 1200 lb. of butter in a year.

He is the sire of the present and ex-World's Champions, Daisy Grace De Kol and Banostine Belle De Kol.

Two of his 1000-lb. daughters have each produced a daughter making over 1200 lb. in a year.

This is PRODUCING BLOOD. This great showing is made from only 29 tested daughters but there are more coming.

THE DAM of the young bull we bought is Maplecrest Pontiac Flora Hartog, a 30-lb. cow with over 1200 lb. of butter and 25,000 lb. of milk in a year.

Her dam is also a 30-lb. cow with 1200 lb. of butter and 25,000 lb. of milk in a year.

This is the only combination of mother and daughter to each produce over 1200 lb. of butter in a year, and, we believe, the only combination of mother and daughter to produce over 25,000 lb. of milk in a year each.

The next dam is a 30-lb. cow with two 30-lb. daughters and the fourth dam, Burton High-lawn 2d, a 20-lb. twelve-year-old, is the only 20-lb. cow to have two 30-lb. daughters, one of which has in turn produced two 30-lb. daughters and one of these to produce a 30-lb. daughter, i. e., the last, the dam of the young bull we have bought.

The sire of Maplecrest Pontiac Flora Hartog is Pontiac Aaggie Korndyke (12 30-lb. daughters, four 1000-lb. daughters, two 1200-lb. daughters). He is by Pontiac Korndyke (eleven 30-lb. daughters) and from a daughter of Hengerveld De Kol (nine 30-lb. daughters).

Friend Hengerveld De Kol Butter Boy and Pontiac Aaggie Korndyke are the only sires that have each sired more than one cow to produce 1200 lb. of butter in a year.

Friend Hengerveld De Kol Butter Boy has three over 1200 lb. and Pontiac Aaggie Korndyke has two already, and another one well on the way.

Pontiac Korndyke and his son, Pontiac Aaggie Korndyke, have a total of twenty-three (23) 30-lb. daughters. But one other sire and son have half that number, and that sire Hengerveld De Kol, appears strongly in the pedigree of this young bull.

**This young bull mated with the daughters of Spring Farm King Pontiac 6th will give the offspring a superabundance of producing and transmitting blood that, given a fair opportunity, must produce champions.**

We make this announcement so you may know that Spring Farm King Pontiac 6th is not an accident in our herd, but is to be followed by another bull who will likewise put Degree in Pedigree.

## HENRY STEVENS & SON

### Brookside Stock Farm

### LACONA, N. Y.

**STEVENS HERD**
**175 Head**

**Est. by HENRY STEVENS**
**1876**